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Addis, Mr. H. B., exe. engr., 3rd grade, transfd. to Patna-Baraich ry. - - - - - - - - 700

Ajmir:—

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Alexander, 3rd class hospl. asst., transfd. to N. W. P. and Oudh - - - - - - - 797

Alleemooddeen, 1st class hospl. asst., Raj dispensary, Oodeypore, transfd. to reserve list - - - 832

Alves, Maj. M. A., R.E., ex. engr., 1st grade, posted to Meerut comd., mily. works - - - - 801

Amir Khan, 3rd class hospl. asst., No. 234, mily. estabt.:—Services of—permtly. placed at disp. of govt. of N. W. P. and Oudh - - - - - 832

Anderson, Lt. F. J., R.E., asst. engr., 2nd grade, posted to Rawalpindi comd., mily. works - - 517

Apparanda Mandana, subedar, will assume charge of office of town subedar of Mahadeopet - - - - 746

Appleton, Lt. H., R.E., asst. engr., 2nd grade, transfd. to Beluchistan agency and joined same 643; passed exmn. for promn. to asst. engr., 1st grade - - 643

Arnott, Capt. N., R.E., exe. engr., 2nd grade, transfd. to Meerut comd., mily. works - - - - 833

Arundell, Mr. E. W., exe. engr., 4th grade, tempy. rank, ry. branch, transfd. to Rewari-Ferozepur state ry. - - - - - - - - - - 833

Ashan Ahmud, 3rd class hospl. asst., No. 222, mily. estabt.:—Services of—permtly. placed at disp. of govt. of N. W. P. and Oudh - - - - - 832

Ashgur Alee Khan, 3rd class hospl. asst., No. 205, mily. estabt.:—Services of—placed permtly. at disp. of agent, govr. genl., for Rajputana - - 610

Asiatic Society of Bengal:—List of books for sale at the library of the—618, 678, 703, 779 - - 825

Atkinson, Mr. E. S. P., survr., 3rd grade, granted priv. leave - - - - - - - - 775

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BAIRD, Maj. A. W., R.E., apptd. depy. supdt., 4th grade, surv. of India - - - - - - - 724

Banerjee, Babu Aghore Nath, 3rd grade asst. surgn., supy. list, permtd. to resign the service - - 820

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genl. meeting 568; proceedings of annual genl. meeting held on 14th Aug. 1882 - - - - 641

Barrett, Mr. E. C., to offe. as asst. supdt., 1st grade, surv. of India, 610; apptd. do. do. 724; to offe. in new 4th grade of depy. supdts. - - - 746

Barron, Maj. W., to offe. as depy. supdt., 2nd grade, surv. of India - - - - - - - - - 810

Basu, Babu M. M., 3rd grade asst. surgn., supy. list, granted leave of absence on m. c. 671; permtd. to resign the service - - - - - - - 820

Baylay, Maj. C. A., made over charge of office. of poll. supdt., Jhallawar, 592; granted priv. leave 627; availed himself of above leave 686; recd. charge of Kotah poll. agency - - - - - - - 810

Beavan, Maj. R., asst. supdt., 2nd grade, surv. of India, granted spl. Afghanistan leave 685; apptd. asst. supdt., 1st grade, 724; to offe. in new 4th grade of depy. supdts. - - - - - - 746

Beharee Lall, hospl. asst., passed English qualification examination - - - - - - - - - 534

Bengal Secretariat Press:—Publications for sale at the—531, 545, 565, 589, 607, 625, 639, 655, 66 9 683, 693, 709, 721, 731, 743, 755, 765, 773, 785, 795, 807, 817, 829, 841, 853, 865 - - - 873

Bennett, Mr. H. W., asst. engr., 2nd grade, passed lower standard exmn. in Hindustani - - - 570

Benson, Dr. P. H., resdy. surgn., Mysore, apptd. *ex-officio* comr. for municipality of civil and mily. station of Bangalore - - - - - - - 548

Berkeley, Mr. L. F., asst. surv., 3rd grade, allowed priv. leave - - - - - - - - - 534

Bevan, Mr. F. J., supdt., 3rd grade, tel. dept., allowed furlough - - - - - - - - 516

Beverley, Mr. W. G., apptd. asst. supdt., 1st grade, surv. of India, 724; to offe. in new 4th grade of depy. supdts. - - - - - - - - - 775

Bhondo Lal, 3rd class hospl. asst., No. 200, mily. estabt.:—Services of—placed permtly. at disp. of chief comr. of C. P. - - - - - - - 610

Bhowany Singh, 2nd class hospl. asst., promtd. to 1st class - - - - - - - - - - - 776

Bhugwan Prusad, 3rd class hospl. asst., No. 213, mily. estabt.:—Services of—permtly. placed at disp. of govt. of N. W. P. and Oudh - - - 832

Boileau, Lt.-Col. F. W., comdt., Merwara battn., retnd. to duty - - - - - - - - - 568

Bowden, Mr. J. H. A., asst. engr., 2nd grade, Rajputana, passed professional exmn. prescribed in p. w. d. code 642; passed lower standard exmn. in Hindustani - - - - - - - - - 642

British Guiana Emigration Agency:—Notice regarding unclaimed balances left by Indian immigrants 847

Browne, Col. J., C.S.I., R.E., supdg. engr., posted to and joined head-qrs. staff of inspr. genl., mily. works - - - - - - - - - - 856

Buller, Capt. and Bt. Lt.-Col. H. M. Buller, comdt., 1st regt., C. I. horse, and poll asst., Goona, granted priv. leave - - - - - - - 610

Burne, Maj. J., offg. poll. asst., 1st class, 2nd asst. to agent to govr. genl. for C.I., retnd. from priv. leave and resumed charge of his duties - - - 757

C

CADIZ, Mr. T. R. G., asst. supdt., 1st grade, tel. dept., allowed furlo. - - - - - - - 767

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Caldecott, Surgn.-Maj. R., 2nd regt., C I. horse, granted priv. leave - - - - - - 686

Campbell, Mr. J., apptd. depy. supdt., 4th grade, surv. of India - - - - - - - - - 724

Carson, Mr. H., asst. supdt., 1st grade, tel. dept., allowed furlo. - - - - - - - - - 516

Cemetery:—Notice regarding repairs of monuments in govt.—at Neemuch, C. I., 576, 595, 613; ditto ditto at Anjengo 820, 833 - - - - - - 848

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Chackravarti, 3rd Grade Asst. Surgn. B. L., supy. list:—Services of—placed at disp. of chief comr., Andaman and Nicobar Islands - - - - - 534

Chamberlain, Mr. W. J., will carry on duties of traffic supdt., Punjab Northern state ry., in addn. to his own duties - - - - - - - 611

Charts, &c., issued at the Marine Surv. dept., Calcutta 525, 540, 559, 584, 601, 620, 632, 650 - 663

Chengappa, Mr. K., parpatigar of Mercara Habri Nud, to act as subedar and 3rd class magte. of Padinalknad taluk - - - - - - - 658

Cheyaka Puvana Devaya, subedar, transfd. to Nanjarajpatana taluk, and will assume charge of same - - - - - - - - - - - 746

Chippindall, Lt. W. H., R.E., exe. engr., 4th grade, tempy. rank, passed deptl. standard exmn. in Hindustani - - - - - - - - - 686

Chowdhry, Babu B. N., 3rd grade asst. surgn., supy. list, granted extn. of leave on m. c. - - 832

Chuttun Lall, Munshi, assumed charge of office of depy. magte., Kekri, 517; made over above charge 610; to offe. as depy. magte. of Kekri in addn. to his own duties and is invested with certain civil and criminal powers 642; recd. charge of office of depy. magte., Kekri 672; made over charge of do. 801; to offe. temply. as depy. magte., Kekri, and invested with certain criminal and civil powers 833; made over charge of office of depy. magte., Kekri - - - - - - - 844

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Clay, Col. C. H., comdt., Deolee irr. force, retnd. to duty 628; recd. charge of office of cantt. magte., Deolee, 672; recd. charge of Harowtee and Tonk agency 686; delivered over above charge - 832

Clement, 2nd Class Asst. Apothecary E. P.:—Services of—placed at disp. of govt. of N. W. P. and Oudh 516

Cole, Mr. W. H., M.A., to offe. as depy. supdt., 3rd grade, surv. of India, 609; apptd. depy. supdt., 4th grade, 724; to revert to depy. supdt., 4th grade, 724; to offe. as depy. supdt., 3rd grade, 810; to revert to substantive apptt. of depy. supdt., 4th grade - - - - - - - - - - 843

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Connor, Mr. E. J., asst. survr., 1st grade, granted priv. leave - - - - - - - - - - 685

Conolly, Lt.-Col. A., made over charge of office of poll. supdt., Hilly Tracts, Meywar - - - 534

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Cooke, Mr. G. H., asst. supdt., 2nd grade, surv. of India, to offe. in 1st grade of asst. supdts. 591; apptd. asst. supdt., 1st grade, 724; to offe. in new 4th grade of depy. supdts. 746; to revert to substantive apptt. of asst. supdt., 1st grade, 810; to offe. in 4th grade of depy. supdts. 810; to revert 810; to offe. in 4th grade - - - - - - 810

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Proclamations regarding transfer of rights in certain lands sold for recovery of arrears of reve. in province of— 569, 611, 713 - - 788

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Cornish, Lt. W. H., offg. wg. offr., Meywar Bhil corps, granted priv. leave 695; granted and availed himself of priv. leave - - - - - - 787

Cotton, Maj. F. F., R.E., exe. engr., Darjeeling divn., mily. works, granted priv. leave - - - 628

Cowan, Maj. S. H., S.C., apptd. asst. supdt., 1st grade., surv. of India, 724; to offe. in new 4th grade of depy. supdts. - - - - - - 745

Coxon, Mr. J. T. M., asst. survr., 1st grade, granted priv. leave - - - - - - - - - - 642

Creagh, Maj. O'M., v.c., recd. charge of duties of 2nd-in-comd., Merwara battn. - - - - - 787

Crofts, Surgn. J., made over charge of office of civil surgn. and supdt. of jail, Ajmir, 611; recd. charge of above offices 672; made over charge of do. - 672

Cunliffe, Mr. F. K., store-keeper, transfd. to Patna-Baraitch state ry. - - - - - - - 548

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Dacca and Mymensing State Ry.:—Notice to contractors inviting tenders for construction of — 734, 747 - - - - - - - - - - 758

D'Aguilar, Lt. F. B. G., R.E., ex. engr., 3rd grade, transfd. to Sirhind-Lahore comd., mily. works, 810; posted to, joined and assumed charge of, Lahore divn. - - - - - - - - - - 844

Dallas, Mr. J. E., asst. engr., 1st grade, posted to Bundelkhund ry. survs. - - - - - - 791

Dalrymple, Maj. R. G. E., offg. cantt. magte. and judge, Neemuch, granted priv. leave - - - 746

Das, Babu A. P., 3rd grade asst. surgn., supy. list, granted leave of absence - - - - - - 712

Davidson, Lt. G., R.E., ex. engr., 4th grade, tempy. rank, transfd. to Biluchistan agency - - - 810

Davies, Mr. C. M., to act as loco. supdt., Rajputana-Malwa ry. - - - - - - - - - - 734

Davis, Mr. C. T., chief clerk of high court, obtained furlo. in India - - - - - - 809

Day, Lt. J. G., R.E., offg. exe. engr., Quetta divn., passed lower standard exmn. in Hindustani and completed certain further tests for "deppl. exmn." 856

Dease, Mr. P. P., exe. engr., 3rd grade, transfd. to Rewari-Ferozepore ry. - - - - - - 802

DeBrath, Mr. S., asst. engr., 2nd grade, granted extn. of extraordinary leave - - - - - 758

Debröe, Mr. V. E., asst. engr., 2nd grade:—Priv. leave given to — converted into a longer period of leave on m. c. 672; posted to Rewari-Ferozepore ry. - - - - - - - - - - 811

Dempster, Mr. F. E., asst. supdt., 3rd grade, tel. dept., allowed furlo. - - - - - - - 516

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Devaiya, Mr. C., subedar of Kiggatnad taluk, granted priv. leave - - - - - - - 734

Dewa, Jemadar, Erinpura irr. force, apptd. native adjt. of the force - - - - - - - - 658

Diamelhuber, Revd. H., Basel German Evangelical Mission, licensed to solemnise marriages in province of Coorg - - - - - - - - - 713

Dickenson, Mr. F. B., asst. consvr. of forests, Coorg, delivered over charge of his office - - 686

Dillon, Mr. J., comptr., post office, granted priv. leave 617; resumed charge of his office - - 824

Dressner, Lt. C. J. B. H., 2nd regt., C. I. horse, granted priv. leave - - - - - - - 733

Dudgeon, Mr. P. J., class III, loco. dept., state ry., transfd. to Indus valley state ry. - - - - - 734

E

Edmondson, Barrackmaster J., transfd. to Presdy. and Oudh comd., mily. works, 672; reptd. his departure from Dagshai - - - - - - 724

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Ellis, Lt. C. C., R.E., exe. engr., 4th grade, tempy. rank, transfd. to Sirhind and Lahore comd., mily. works, 700; posted to and assumed charge of Lahore divn. 712; reptd. arrival at Meean Meer 712; transfd. to Meerut comd., mily. works - - 833

Emam Khan, 3rd class hospl. asst., No. 273, of mily. estabt.:—Services of—placed permtly. at disp. of chief comr. of C. P. - - - - - - - 610

Engineering College:—Notice regarding application for admn. to govt.—, Howrah, 821, 834 - - 849

Eradutoollah, 1st class hospl. asst. attd. to Jhalrapatam dispensary, placed in medl. charge of det. of Deoli irr. force, stationed at Jhalrapatam, in addn. to his own duties - - - - - - 758

Euan-Smith, Lt.-Col. C. B., C.S.I., made over charge of Meywar poll. resdy. - - - - - - 856

Ewing, Mr. A., apptd. asst. survr., 3rd grade - - 832

Ewing, Mr. R., exe. engr., 4th grade, recd. charge of Mhow divn. 517; relieved Mr. T. Knight, exe. engr., 2nd grade, of duties of persnl. asst. to supdg. engr., C. I., 517; notfn. apptg. — offg. exe. engr., Gwalior divn., cancelled 517; confirmed in apptt. as persnl. asst. to supdg. engr., C. I. - 734

Ewing, Mr. R. C. D., to be a draftsman in office of depy. survr. genl. - - - - - - - 832

F

FAHIE, Mr. J. J., asst. supdt., Indo-European tel. dept., granted furlo. and subsdy. leave, subject to confirmation - - - - - - - - - 801

Fee, Mr. C. H. McA., survr., 4th grade, granted priv. leave - - - - - - - - - 724

Ferrier, Lt. J. A., R.E., asst. engr., 1st grade, passed deptl. standard exmn. in Hindustani 517; temply. transfd. to Meerut comd., mily. works - - - 672

Fitzgerald, Mr. J. R., C.S., recd. charge of office of asst. comr., Ajmir, 610; recd. charge of office of comr., Ajmir-Merwara, 658; made over charge of office of asst. comr., Ajmir, 672; made over charge of office of comr., Ajmir-Merwara, 801; recd. charge of office of asst. comr., Ajmir, 801; apptd. magte. of Ajmir and Merwara dists. - - - 833

Fleming, Mr. G. L., asst. survr., 2nd grade, granted priv. leave 712; untaken portion of leave granted to—cancelled 745; granted extraordinary leave - 745

Floyd, Mr. W. C., exe. engr., 3rd grade, granted extn. of leave on m. c. - - - - - - 686

Ford, Mr. C. W. J., asst. survr., 2nd grade, granted priv. leave - - - - - - - - - 724

Fraser, Mr. L. V., asst. supdt., 1st grade, tel. dept., allowed leave on m. c. - - - - - - 519

Fraser, Mr. O. L., took over charge of office of 2nd asst. to supdt., Indian museum - - - - - 757

Freeman, Mr. W. H., to offe. as traffic supdt., Punjab Northern state ry. - - - - - - 747

G

GABBETT, Mr. J. E., asst. engr., 2nd grade, passed lower standard exmn. in Hindustani - - - 768

Gale, Lt. W. A., R.E., passed exmn. for promn. to asst. engr., 1st grade - - - - - - - 643

Ganapatti, Mr. K., apptd. subedar and 3rd class magte. of Mercara taluk 569; invested with powers of a magte. of 2nd class and with certain addl. criminal powers 569; to act as 2nd asst. comr., Coorg, 569; assumed charge of 2nd asst. comr.'s office and treasury, Coorg, 658; delivered over charge of 2nd asst. comr.'s office and treasury, Coorg - - - - - - - - - - 820

"Gazette of India":—Notice relative to—515, 533, 547, 567, 591, 609, 627, 641, 657, 671, 685, 695, 711, 723, 733, 745, 757, 767, 775, 787, 797, 809, 819, 831, 843, 855 - - - - - - - 867

George, Mr. C., asst. survr., 3rd grade, granted priv. leave - - - - - - - - - - - 724

Gerrard, Mr. A. S., exe. engr., 4th grade, transfd. to Bundelkhund ry. surv. - - - - - - 802

Ghose, Babu K. N., 3rd grade asst. surgn., supy. list:—Services of—placed at disp. of chief comr., British Burma - - - - - - - - - 671

Ghose, Babu P. C., 3rd grade asst. surgn. of N. W. P. and Oudh, provincial estabt., removed from the service - - - - - - - - - - 657

Gibbs, Maj. G. R., exe. engr., 1st grade, recd. charge of Mhow divn. - - - - - - - - - 517

Gibson, Mr. G., to act as municipal exe. engr. of civil and mily. station of Bangalore - - - - - 810

Gilbert, Mr. C. F., asst. engr., 1st grade, passed lower standard exmn. in Hindustani - - - - 819

Gokul Chundra Bhaduri, 3rd grade asst. surgn., supy. list, permtd. to resign the service - - - 610

Goolam Mahomed, 2nd class hospl. asst., No. 7, tophl. party, Rajputana surv., transfd. to reserve list - 832

Gordon, Lt. G. H. B., R.E., passed exmn. for promn. to asst. engr., 1st grade - - - - - - 643

Gore, Capt. St. G. C., R.E., apptd. asst. supdt., 2nd grade, surv. of India, 724; to offe. in 1st grade of asst. supdts. 843; to be asst. supdt., 1st grade 855

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Grant, Mr. F., survr., 2nd grade, allowed priv. leave 712

Greenfield, Maj. J. H. L., 2nd-in-comd., Deoli irr. force, granted priv. leave 518; availed himself of above leave 642; made over charge of office of cantt. magte., Deolee, 672; retnd. from priv. leave 797

Greenstreet, Capt. W. L., R.E., tempy. supdg. engr., transfd. to Rawalpindi comd., mily works - - 856

Griffiths, Surgn. H. T., recd. medl. charge of Erinpura irr. force - - - - - - - - - 856

Groves, Mr. H., exe. engr., 3rd grade:— Services of—placed temply. at disp. of dir. genl. of rys. - - 832

Guffoor Khan, 2nd class hospl. asst., No. 156, mily. estabt.:—Services of—permtly. placed at disp. of govt. of N. W. P. and Oudh - - - - 832

Gujadhur Lall, store-keeper, class IV, of revo. estabt., transfd. to Rajputana-Malwa ry. - - 686

Guru Churun Lusker, 2nd class hospl. asst., Rajputana agency hospl., promtd. to 1st class - - 776

H

HABEEBOOLLA Khan, 1st class hospl. asst., attd. to hospl. of Western Rajputana States agency, granted furlough - - - - - - - 712

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Hammick, Mr. M., M.C.S., delivered over charge of 1st asst., comr.'s court and court of dist. magte. of Coorg - - - - - - - - - 534

Harman, Capt. H. J., R.E., apptd. asst. supdt., 2nd grade, surv. of India, 724; promtd. substantively to 1st grade, but to offe. in 4th grade of depy. supdt. 724; to revert to substantive apptt. of asst. supdt., 1st grade, 809; to offe. as depy. supdt., 4th grade - - - - - - - - - 810

Harris, Mr. T., resumed charge of office of head mr., Ajmir govt. college, 672; made over charge of office of prinl., Ajmir govt. college, and inspr. of schools, Ajmir-Merwara dist. - - - - - 672

Heber, Passed Hopl. Appce. P.:—Services of—placed at disp of govt. of Bengal - - - - - - 516

Hendley, Surgn.-Maj. T. H., in medl. charge of Eastern Rajputana States agency, granted priv. leave 686; availed himself of above leave and retnd. to duty - - - - - - - 775

Herbert, Lt. C., assumed charge of duties as 3rd asst to agent to govr.-genl., Rajputana, 517; to be lt. in Rajputana-Malwa voltr. rifle corps - - 844

Hewett, Maj. G. L. K., comdt., Erinpura irr. force, retnd to duty - - - - - - - - 610

Hewson, Mr. F. T., C.S., made over charge of office of asst. comr., Ajmir, 517; made over charge of office of registrar of assurances, Ajmir-Merwara, 517; retnd from priv. leave, unexpired portion of leave cancelled - - - - - - - 686

High Court:—Apptts. of comrs within all parts of England for taking acknowlegments of married women of deeds to be executed by them in respect of property in British India - - - 831

Hill, Maj. J., R.E., apptd. depy. supdt., 4th grade, surv. of India, 724; continued to offe. in 3rd grade of depy. supdts. and will do so - - - 745

Hira Lal Nan, 3rd grade asst. surgn., supy. list, permtd. to resign the service - - - - 567

Hobday, Capt. J. R., to offe. as asst. supdt., 1st grade, surv. of India, 609; apptd. asst. supdt., 2nd grade, 724; to offe. in new 1st grade of asst. supdts. 746

Hogan, Mr. J. P., asst. engr., 1st grade, granted leave on m. c. - - - - - - - - - 758

Hogan, 1st Class Asst. Apothy. J W.:—Services of — placed at disp. of dir. genl. of rys. for employment on Rajputana-Malwa ry. at Sabarmati - - 758

Holder, Mr. P., hospl. asst, class III, transfd. to customs hospl., Pachbadra - - - - - - 712

Holdich, Maj. T. H., R.E., apptd. depy. supdt., 4th grade, surv. of India, 724; continued to offe. in 3rd grade of depy. supdts. and will continue to do so - 745

Home, Mr. W., asst. engr:—Notfn. No. 1279 S. of 31st May 1882 so far as relates to — ranking in class III of ry. reve. estabt., cancelled 534; passed lower standard exmn. in Hindustani 758; passed deptl. standard exmn. in Hindustani - - - - - 856

Horsley, Mr. C. E., asst. supdt., 1st grade, tel. dept., allowed furlo. - - - - - - - - - 610

Horst, Mr. H., apptd. depy. supdt., 4th grade, surv. of India, 724; to offe as depy. supdt., 3rd grade, 724; to revert to substantive apptt. of depy. supdt., 4th grade, 810; to offe. in 3rd grade 810; to revert to 4th grade 810; to offe. in 3rd grade - - 810

Hushmat Ally, 3rd class hospl. asst., No. 202, of mily. estabt.:—Services of — placed permtly. at disp. of chief comr. of C. P. - - - - - 610

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Huskisson, Lt. W., R.E., offtd as exe. engr., Umballa divn., mily. works, 535; transfd. to Beluchistan agency - - - - - - - - - - 810

Hutchinson, Maj H. S., S.C., apptd. asst. supdt., 1st grade, surv. of India, 724; to offe. as depy. supdt., 4th grade - - - - - - - - - 809

Hyadatoollah, 3rd class hospl. asst., Rajputana-Malwa ry., promtd. to 2nd class - - - - 776

I

Izat, Mr. A., supdg. engr., 3rd class, attd. to office of dir. genl. of rys. - - - - - - - 811

J

Jackson, Mr. E. J., apptd. asst. supdt., 1st grade, surv. of India, 724; passed exmn. in Hindustani by 2nd or higher standard 820; to offe. as depy. supdt., 4th grade, 831; to revert to substantive apptt. of asst. supdt., 1st grade - - - - 843

James, Mr. J. O. N., to offe. as depy. supdt., 2nd grade, surv. of India - - - - - - - - 810

Jankey Pershad, 3rd class hospl. asst., No. 264, mily. estabt.:—Services of — permtly. placed at disp. of govt. of N. W. P. and Oudh - - - 832

Johnson, Mr. W. P., class IV, loco. dept., state ry., transfd. to Rajputana-Malwa ry. - - - - 734

Jowala Persad, 2nd class hospl. asst., imperial list, attd. to police hospl., Ajmere, passed exmn. in English - - - - - - - - - - 776

K

Kalinath Banerjee, 3rd grade asst. surgn., supy. list, granted leave of absence on m. c. - - 736

Kashmir:—Advertisement relating to "Illustrations of ancient buildings of —" - - - 821

Keegan, Surgn.-Maj D. F., resdy. surgn., Indore, and civil administrative medl. offr., C. I., granted priv. leave 548; retnd. from above leave and resumed charge of his duties - - - 657

Kellie, Lt. J. R.E., asst. engr., 1st grade, posted to Presdy.-Oudh comd., mily. works - - - 856

Kelly, Mr. W. M., asst survr., 2nd grade, allowed priv. leave - - - - - - - 534

Kennedy, Mr. J., asst. survr., 3rd grade, granted priv. leave - - - - - - - 685

Kenney, Lt. A. H., R.E., asst. engr., 1st grade, passed deptl. standard exmn. in Hindustani - 672

Ker, Babu P. C., 3rd grade, asst. surgn.:—Unexpired portion of leave of—cancelled - - 642

King, Mr. D. A., to offe., as survr., 4th grade - 547

Kitchen, Mr. F., asst. survr., 1st grade, granted priv. leave - - - - - - - 642

Knight, Mr. T., exe. engr., 2nd grade, deputed on spl. duty - - - - - - - - 733

Kongandra Muddaya, subedar and 3rd class magte., transfd. to Padinalknad taluk - - - 820

Koodrutoolla, hospl. asst., class III, transfd. to Bikanir agency, 712; placed in medl. charge of det. of Erinpura irr. force, forming escort of asst. agent to govr. genl. at Shoojaugurh, in addn. to his own duties - 758

Kunnea Lall, 1st class hospl. asst., attd. to Kotah dispensary, placed in medl. charge of det. of Dooli irr. force stationed at Kotah, in addn. to his own duties - - - - - - - 757

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L

LADDHA RAMA SAHNI, asst. engr., 3rd grade, transfd. to Rewa coal field ry. surv. - 734

Large, Mr. P. T. S., exe. engr., 3rd grade, transfd. to Bundelkhund ry. survey - - - - 791

Lawrence, Mr. W. R., C.S., made over charge of office of asst. comr., Merwara, 517; recd. charge of office of asst. comr., Ajmir, 517; recd. charge of office of registrar of assurances, Ajmir-Merwara, 517; delivered over charge of office of asst. comr. Ajmir, 610; recd. charge of office of asst. comr., Merwara, 611; apptd. magte. of dist. of Ajmir and Merwara 642; made over charge of office of asst. comr., Merwara, 672; recd. charge of office of asst. comr., Ajmir, 672; made over charge of do. 801; recd. charge of office of asst. comr., Merwara - - - - - - - - - 801

Law Reports:—Bengal — 524, 540, 558, 583, 601, 618, 632, 650, 663, 678, 691, 703, 717, 728, 738, 752, 763, 770, 779, 793, 804, 815, 825, 837, 850, 862 - - - - - - - - - - - 871

Law Reports:—Indian — 524, 539, 558, 583, 601, 618, 632, 649, 662, 678, 690, 703, 716, 727, 738, 752, 762, 769, 779, 792, 804, 814, 825, 837, 850, 862 - - - - - - - - - - - 871

Leach, Bt. Lt.-Col. E. P., v.c., R.E., apptd. asst. supdt., 1st grade, surv. of India - - - 724

Learmouth, Mr. A. C. L., C.E., asst. engr., 1st grade, passed deptl. standard exmn. in Hindustani 518

Learoyd, Lt. C. D., R.E., asst. engr., 2nd grade, posted to Sirhind and Lahore comd.., mily. works, 570; posted to and joined Lahore divn., mily. works, 628; posted to Meerut comd., mily. works, 700; reptd. his departure from Meean Meer 712

Litster, Mr. D. M., engr. appce., posted to and joined Mhow divn. - - - - - - - - 517

Longe, Lt. F. B., R.E., apptd. asst. supdt., 2nd grade, surv. of India, supy., 724; to offe. in 1st grade of asst. supdts. - - - - - - - 775

M

MACKINNON, Mr. M. C., exe. engr., 3rd grade, ry. branch, posted to Patna-Baraitch state ry. - - 776

Magrath, Maj. H. M. S., resumed charge of 1st asst., comr.'s court and court of dist. magte. of Coorg 534; recd. charge of Coorg treasury 844; delivered over charge of do. - - - - - 867

Mahomed Galib, 1st class hospl. asst. of reserve list, granted priv. leave 628; retnd. from above leave and placed on reserve list 712; transfd. to Rajputana-Malwa ry. - - - - - - - 797

Mahumed Aly Khan, 3rd class hospl. asst., No. 298, mily. estabt.:—Services of — placed permtly. at disp. of agent, govr. genl., for Rajputana - - 610

Mandanna, Mr. B., subedar of Zelusavirshimé taluk, transfd. to Kiggatnad taluk - - - - - 734

Manners-Smith, Mr. F. St. G., asst. engr., 2nd grade, passed lower standard exmn. in Hindustani 776; passed deptl. standard exmn. . - - - - 776

Manwar Khan, 2nd class hospl. asst., No. 87, mily. estabt.:—Services of — placed permtly. at disp. of govt. of N. W. P. and Oudh - - - - - 832

Maps of the surv. of India published at offices of survr. genl. for qr. ending 30th June 1882, 659; for do. ending 30th Sept. - - - - - 857

Mariners:—Notice to— - - - - - 515, 516

Martin, Capt. G. W., to offe. in 2nd grade of asst. supdts., surv. of India, 533; to offe. as asst. supdt., 1st grade, 610; to revert to offg. apptt. of asst. supdt., 2nd grade, 610; apptd. asst. supdt., 2nd grade, 724; to offe. in new 4th grade of depy. supdts. 746; reverted to old 2nd grade of asst. superintendents - - - - - - - - 746

Martindale, Mr. A., C.S., recd. charge of Kotah poll. agency 686; made over charge of above - - 810

Maxwell, Lt. R. C., asst. engr., 1st grade, attd. to office of dir. genl. of rys. - - - - - 811

McClure, Condr. J., barrackmaster, class II, posted to Meerut comd., mily. works - - - - - 844

McCullagh, Maj. J. R., R.E., apptd. depy. supdt., 4th grade, surv. of India - - - - - - - 724

McGill, Mr. J., apptd. asst. supdt., 1st grade, surv. of India, 724; to offe. in new 4th grade of depy. supdts. - - - - - - - - - - 745

McHatton, Mr. J., asst. survr., 1st grade, allowed priv. leave 567; above leave extended 746; allowed further extn. of leave - - - - - - 787

Meer Emdad Ally, 2nd class hospl. asst., No. 89, mily. estabt.:—Services of — placed permtly. at disp. of govt. of N. W. P. and Oudh - - - - - 832

McRae, Maj. A. R. T., assumed charge of his duties as offg. 2nd-in-comd., Meywar Bhil corps, 642; recd. charge of office of 2nd asst. poll. agent, Meywar 658

Meade, Lt. M. J., poll. asst., 3rd class, 3rd asst. agent, govr. genl., for C. I., granted priv. leave - - 627

Meteorological publications for sale, 523, 539, 558, 583, 601, 618, 632, 649, 662, 678, 690, 702, 716, 727, 738, 751, 762, 769, 778, 792, 803, 814, 825, 837, 850, 861 - - - - - - - - - 870

Mint:—Notice regarding terms on which gold will be recd. for melting at H. M.'s — - 736, 747 761

Monappa, Mr. N., apptd. subedar of Mercara taluk - 569

Montague, Mr. J. M., asst. engr., 1st grade, passed deptl. exmn. in Hindustani 661; attd. to office of dir. genl. of rys. - - - - - - - 767

Mooknud Ram, 3rd class hospl. asst., No. 179, mily. estabt.:—Services of — permtly. placed at disp. of govt. of N. W. P. and Oudh - - - - - 832

Moore, Lt. G. H. J., joined apptt. of offg. adjt., Merwara battn., 534; made over charge of duties of 2nd in-comd., Merwara battn. - - - 787

Muir, Maj. W. J. W., poll. agent, Harowti and Tonk, granted priv. leave 548; delivered over charge of Harowti and Tonk agency 686; recd. above charge - - - - - - - - 832

Munram Sing, 1st class hospl. asst., No. 23, mily. estabt.:—Services of—placed permtly. at disp. of agent, govr. genl., for Rajputana - - - - 610

Murphy, Mr. J., asst. survr., 2nd grade, allowed priv. leave, 671; priv. leave extended - - - 843

Muttama, Mr. M., recd. charge of office of asst. consvr. of forests, Coorg - - - - - 686

Mysore:—List of gentlemen apptd. municipal comrs. for civil and mily. station of Bangalore 517; inspr. genl. of registration in—to be inspr. genl. of registration for civil and mily. station of Bangalore 535; declaration regarding land required for a public purpose 611; warrants issued under sec.

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5 of Gambling Act, III of 1867, to be executed in civil and mily. station of Bangalore by police offrs. not below rank of a chief constable 767; list of court holidays for 1883 - - - - 868

N

NADIKERIYANDA MONAPPA, subedar and 2nd class magte., transfd. to Zodénalknad taluk 820; to exercise powers vested in a magte. of police - 820

Nanjappa, Mr. B., parpattigar, Anunathnad, invested with certain criminal and civil powers . 746

Nanjappa, Mr. C. M., 1st class pleader, apptd. public prosecutor for province of Coorg - - - 788

Nanuck Chund, 2nd class hospl. asst., No. 85, mily. list, permtly. transfd. to provincial estabt., N. W. P. and Oudh - - - - - - - - - 534

Noemuch :—Notice regarding repairs of monuments in govt. cemetery at—C. 1., 576, 595 - - - 613

Nevill, Mr. G., took over charge of his office as asst. secy. to trustees and as 1st asst. to supdt., Indian museum - - - - - - - - - - 810

Newman, Surgn.-Maj. J. H., civil surgn., Ajmir, priv. leave extended 593; recd. charge of office of civil surgn. and supdt. of jail, Ajmir, 611; made over charge of above offices 672; recd. charge of ditto - - - - - - - - - - - 672

Newmarch, Lt.-Col. G., R.E., exe. engr., 1st grade, transfd. to Sirhind and Lahore comd., mily. works, 801; ditto ditto 810; posted to and assumed charge of Dalhousie divn., mily. works - - 868

Newnham, Mr. W. A., asst. supdt., Indo-European tel. dept., granted leave on m. c. - - - 856

North, Surgn.-Maj. J., apptd. supdt. of Mercara jail and taken charge of same 643; assumed charge of civil dispensary and civil station of Mercara - 643

O

OVENS, Mr. J. L., asst. supdt., 1st grade, tel. dept., allowed furlo. - - - - - - - 547

P

PAPER CURRENCY DEPT. :—Notice to forward mismatched notes to the currency office whose name they bear - - - - - - - - - - 844

Parry, Mr. J. W., asst. engr., 2nd grade, ry. branch, passed deptl. standard exmn. in Hindustani - 791

Peel, Lt. F., R.E., to offe. as exe. engr., Agra divn., mily. works, 570; passed exmn. for promn. to asst. engr., 1st grade - - - - - - 643

Penrose, Mr. W. H., to be asst. survr., 1st grade - 832

Percy, Mr. M., presdy. post mr., Madras, granted furlo. on m. c. - - - - - - - - - 599

Phillpotts, Lt. R. V., R.E., asst. engr., 1st grade, posted to Presdy.-Oudh comd., mily. works, 724; posted to Fort William divn., mily. works, which he joined - - - - - - - - - - 746

Plumer, Mr. C. G., delivered over charge of office of judl. comr., Coorg, 844; recd. charge of ditto - 844

Pope, Mr. A. W. U., in class III of traffic dept. of reve. estabt. of state rys., posted to Rajputana-Malwa ry. - - - - - - - - - 747

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Porter, Lt. G. M., R.E., asst. engr., 1st grade, transfd. to and took over charge of Allahabad divn., mily, works - - - - - - - - 548

Post Office :—

List of unclaimed letters lying in Calcutta genl.—522, 538, 558, 599, 617, 631, 648, 661, 677, 689, 702, 715, 726, 737, 751, 761, 768, 778, 791, 803, 813, 824, 836, 848, 860 - - - - - - 870

Letters marked "care of post office, to be kept till called for" 522, 538, 558, 599, 617, 631, 648, 661, 677, 689, 702, 715, 726, 737, 751, 761, 768, 778, 791, 803, 813, 824, 836, 848, 860 - - 870

Registered letters, 538, 558, 599, 661, 689, 702, 715, 761, 768, 791, 803, 848, 860, 870

Mail despatches to Ceylon from Calcutta genl. — 522, 599, 662, 726, 768, 824 870

Notice of extn. of value-payable system to registered letters, 715, 726 - - - - - 737

Sea and foreign mails, 522, 538, 558, 582, 599, 617, 631, 649, 661, 677, 689, 702, 716, 726, 737, 751, 761, 769, 778, 792, 803, 814, 824, 836, 848, 860 870

Notfn. relating to correspondence intended for Indian field force, Egypt - - - - - 677

Table showing dates of departure of overland mail steamers from Bombay for Suez during fair season - - - - - - - - - - 689

Apptts. in — dept. made by dir. genl. of — of India 558, 581, 599, 617, 631, 648, 689, 737, 751, 803 824

Notice regarding India stock notes, 750, 761, 768, 813, 824 836

Arrangements for the three great days of Doorga Puja festival - - - - - - - - - 751

Notice regarding date of termination of contract with B. I. S. N. Co. for maintenance of steam communication in Indian waters, &c., 761, 768 778

Poulter, Mr. W., apptd. treasury offr. at the Sambhar lake - - - - - - - - - - 534

Powell, Lt. D. ffolliott :—Resignation of commn. of — in Rajputana voltr. rifle corps accepted - 758

Prisoners :— Descriptive roll of — escaped from Dagshai mily. prison - - - - - - 811

Procter, Col. M. M., B.S.C., asst. cantt. magte., Morar, granted priv. leave - - - - - - - 867

Promissory Notes :— Statement of govt. — enfaced for payment of interest in London, 536, 594, 612, 645, 687, 714, 735, 760, 790, 812, 835 - - 859

Public Works Dept. :— Notice of half-yearly exmn. 518, 535, 849, 861 870

Public Works Workshops, Madras :— Notice regarding lease or sale of — 833, 848, 860 - - 869

Pullan, Lt.-Col. A., depy. supdt., 3rd grade, surv. of India, granted priv. leave - - - - 685

Pundit Bhag Ram, offtd. as asst. comr., Merwara, in addn. to his own duties - - - - - 724

Punjab Northern State Ry. :— Notfn. regarding transfer of staff to Attock bridge divn. - - - 833

Q

QUAYLE, Surgn. W. A., M.D., apptd. supdt. of Mercara jail, and assumed charge of same, also of civil dispensary and civil station of Mercara - - 686

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R

RAHAMUT ULLAH, 3rd class hospl. asst., No. 185, mily. estabt. :— Services of — permtly. placed at disp. of govt. of N. W. P. and Oudh - - - 832

Rai Bishen Saroop, Munshi, recd. charge of office of asst. comr., Merwara, 517; delivered over charge of office of depy. magte., Kekri, 517; recd. above charge 610; made over charge of office of asst. comr., Merwara, 611; invested with powers of a magte. of 2nd class, and with civil powers of a sub. judge of 2nd class 642; recd. charge of office of asst. comr., Merwara, 672; made over charge of office of depy. magte., Kekri, 672; invested with certain powers under the Codes of Criminal and Civil Procedure 672; notfn. No. 592 of 9th Aug. 1882 cancelled 672; made over charge of office of asst. comr., Merwara, 801; recd. charge of office of depy. magte., Kekri, 801; to offe. temply. as asst. comr., Merwara, and invested with certain criminal and civil powers 832; recd. charge of office of depy. magte., Kekri - 844

Raj Kumar Roy, 3rd grade asst. surgn., supy. list, dismissed the service - - - - - - - 567

Rajub Ally, 3rd class hospl. asst., made over charge of Anadrá dispensary 628; transfd. to supy. list of civil hospl. assts. of Rajputana 628; transfd. to reserve list 712; transfd. to Rajputana-Malwa ry. 797

Rama Bhadraya, Mr. N., translator, comr.'s office, and acting town subedar of Mahadeopet, will revert to his substantive apptt. - - - - - 746

Ram Churn, 2nd class hospl. asst. No. 153, mily. estabt. :—Services of — placed permtly. at disp. of govt. of N. W. P. and Oudh - - - - 610

Reid, Mr. F. L., resumed charge of office of prinl., Ajmir govt. college, and inspr. of schools, Ajmir-Merwara dist. - - - - - - - - 672

Reilly, Mr. F., asst. engr., 1st grade, posted to Rewari-Ferozepore state ry. - - - - - 811

Reilly, Mr. T. W., survr., 3rd grade, allowed priv. leave - - - - - - - - - - 746

Rogers, Maj. M. W., R.E., apptd. depy. supdt., 4th grade, surv. of India, 724; continued to offe. in 3rd grade of depy. supdts. and will do so - - 745

Rose, Mr. G. P., asst. engr., 1st grade, transfd. to Rewari-Ferozepore state ry. - - - - - 811

Roy, Babu G. C., recd. charge of office of exe. engr., Nagode divn., C. I. - - - - - - - - 517

Rundall, Lt. F. M., tutor and guardian to H. H. the Maharaj Rana of Jhallawar, granted and availed himself of exmn. leave - - - - - - 787

Rungbeer Nagorecote, 2nd class hospl. asst., No 105, mily. estabt. :—Services of—permtly. placed at disp. of agent. to govr. genl. for Rajputana - - - 610

Ryall, Mr. E. C., to revert to offg. apptt. of asst. supdt., 2nd grade, surv. of India, 516; to offe. as asst. supdt., 1st grade, 609; apptd. asst. supdt., 2nd grade, 724; to offe. in new 1st grade of asst. superintendents - - - - - - - - 746

S

SAIKOOMAR GHURTRE, 3rd class hospl. asst., No. 221, mily. estabt. :—Services of — permtly. placed at disp. of govt. of N. W. P. and Oudh - - - 832

Salamut Rasool Khan, 2nd class hospl. asst., No. 83, mily. estabt. :—Services of—placed permtly. at disp. of govt. of N. W. P. and Oudh - - - 832

Sandford, Mr. J. D., recd. over charge of office of judl. comr., Coorg, 844; delivered over charge of do. - - - - - - - - - - 844

Saunders, Mr. L. S., C.S., comr., Ajmir-Merwara, granted priv. leave 592; made over charge of office of comr., Ajmir-Merwara, 658; recd. charge of office of comr., Ajmir-Merwara, 801; resignation of commn. of—in Rajputana-Malwa voltr. rifle corps accepted - - - - - - - 810

Savi, Maj. T. B. B., R.E., attd. to office of dir. genl. of rys. - - - - - - - - - - 776

Savings Bank :—

Abstract of operations of govt.—from 1st Apl. 1881 to 31st Mar. 1882 - - - - - - - 701

Scott-Moncrieff, Lt. G. K., R.E., asst. engr., 1st grade, transfd. to Presdy.-Oudh comd., mily. works, 758; to offe. as exe. engr., Lucknow divn., mily. works - - - - - - - - - - 758

Senior, Mr. R. W., asst. survr., 3rd grade, granted priv. leave - - - - - - - - - 685

Sharp, Mr. F., tempy. exe. engr., Coorg divn., passed deptl. standard exmn., p. w. d. - - - 570

Sheikh Abdoollah, 2nd class hospl. asst., Rajputana-Malwa ry., promtd. to 1st class - - - 776

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Siva Prosad Roy, 3rd grade asst. surgn., imperial estabt., granted extn. of leave without pay - 868

Sivewright, Mr. R., asst engr., 1st grade, Rewari-Ferozepore state ry., granted leave on u. p. a. - 535

Smith, Mr. F. St. G. Manners, asst. engr., 2nd grade, passed professional exmn. prescribed in p. w. d. code - - - - - - - - - - 642

Smith, Maj. P. W., offg. 2nd-in-comd., Merwara battn., granted priv. leave 568; assumed charge of duties of 2nd-in-comd. and squad. comdr. of Erinpura irr. force - - - - - - - - 642

Smylie, Mr. S. M., survr., 3rd grade, granted furlo. in India - - - - - - - - - 724

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Spencer, Surgn.-Maj. L. D., delivered over charge of office of surgn. to Rajputana agency, and supdt. genl. of dispensaries and vaccination in Rajputana, 832; recd. medl. charge of Western Rajputana States agency - - - - - - - - 856

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Tanner, Lt. J. A., R.E., passed exmn. for promn. to asst. engr., 1st grade - - - - - - - 643

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SIMLA, MONDAY, MAY 1, 1882.

HOME DEPARTMENT.

NOTIFICATION.

ESTABLISHMENTS.

No. 184.

Simla, the 1st May 1882.

A vacancy having occurred in the office of an Ordinary Member of the Council of the Governor General of India by the resignation of the Honourable Whitley Stokes, C.S.I., C.I.E., Her Majesty the Queen, Empress of India, has been graciously pleased to appoint Courtenay Peregrine Ilbert, Esquire, M.A., Barrister-at-Law, to be an Ordinary Member of the Council of the Governor General of India.

Mr. Ilbert has on the afternoon of this day, under the usual salute, taken his seat as an Ordinary Member of the Governor General's Council.

By order of the Governor General in Council,

A. MACKENZIE,

Secretary to the Government of India.

Printed and Published for the GOVERNMENT OF INDIA *at the Govt. C. B. Press, Simla.*

The Gazette of India,

EXTRAORDINARY.

Published by Authority.

SIMLA, MONDAY, MAY 8, 1882.

HOME DEPARTMENT.

NOTIFICATION.

ESTABLISHMENTS

No. 686.

Simla, the 8th May 1882.

A vacancy having occurred in the office of an Ordinary Member of the Council of the Governor General of India by the appointment of the Hon'ble Augustus Rivers Thompson, C.S.I., C.I.E., to the office of Lieutenant-Governor of Bengal, Her Majesty the Queen, Empress of India, has been graciously pleased to appoint Sir Steuart Colvin Bayley, K.C.S.I., C.I.E., of the Bengal Civil Service, to be an Ordinary Member of the Council of the Governor General of India.

Sir Steuart Bayley has on the afternoon of this day, under the usual salute, taken his seat as an Ordinary Member of the Governor General's Council.

By order of the Governor General in Council,

A. MACKENZIE,

Secretary to the Government of India.

Printed and Published for the GOVERNMENT OF INDIA *at the Govt. Central Branch Press, Simla.*

The Gazette of India

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SIMLA, WEDNESDAY, MAY 24, 1882.

STAR OF INDIA.

NOTIFICATION.

Simla, the 24th May 1882.

No. 36 S.I.

His Excellency the Grand Master of the Most Exalted Order of the Star of India is pleased to announce that Her Majesty the Queen and Empress of India has been graciously pleased to make the following appointments to the aforesaid Order :—

To be Knights Grand Commanders.

His Highness the Maharaja of Travancore.

The Nawab Ikbal-ud-Daula, formerly of Oudh, now residing at Baghdad in Turkish Arabia.

To be Knights Commanders.

The Hon'ble Maharaja Jotendro Mohun Tagore Bahadur, C.S.I.

Major (Brevet Lieutenant-Colonel) Oliver Beauchamp Coventry St. John, R.E., C.S.I., late Resident in Southern Afghanistan.

To be Companions.

Lieutenant-Colonel Edward Charles Ross, Bombay Staff Corps, Political Resident in the Persian Gulf.

The Hon'ble William Hudleston, Madras Civil Service, Member of the Council of the Governor of Madras.

Charles Paget Carmichael, Esq., Bengal Civil Service, Member of the Board of Revenue, North-Western Provinces.

Edward Francis Harrison, Esq., late Bengal Civil Service, and formerly Comptroller General.

By Order of the Grand Master,

C. GRANT,

Secretary to the Most Exalted Order of the Star of India.

INDIAN EMPIRE.

NOTIFICATIONS.

Simla, the 24th May 1882.

No. 25 I.E.

In accordance with Her Majesty's Warrant for the institution of the Order of the Indian Empire, the undermentioned gentlemen are declared to be, *ex-officio* and for life, Companions and Members of the aforesaid Order:—

The Right Hon'ble Mountstuart Elphinstone Grant Duff, Governor of Madras.

The Hon'ble Sir Alfred Comyns Lyall, K.C.B., Lieutenant-Governor of the North-Western Provinces and Chief Commissioner of Oudh.

The Hon'ble Sir Charles Umpherston Aitchison, LL.D., K.C.S.I., Lieutenant-Governor of the Punjab and its Dependencies.

The Hon'ble Courtenay Peregrine Ilbert, M.A., Barrister-at-Law, Member of the Council of the Governor General of India.

No. 26 I.E.

Her Majesty the Queen and Empress of India has been pleased to appoint the undermentioned gentlemen, who by their services have merited the Royal favor, to be Companions of the Order of the Indian Empire:—

William Mackinnon, Esq., Chairman of the British India Steam Navigation Company, Limited.

Ráná Shankar Baksh Singh Bahadur, Talukdar of Khajargaon, Magistrate and Honorary Assistant Commissioner, Rae Bareli District, Oudh.

Sayyid Lutf Ali Khan of Behar, Bengal.

Deputy Surgeon-General William James Moore, Indian Medical Department, Bombay Presidency.

Edward Ronald Douglas, Esq., Deputy Director General of the Post Office of India.

Moung Shway Kyee, Assistant Superintendent of Police, Amherst, British Burma.

By Order of the Grand Master,

C. GRANT,

Secretary to the Order of the Indian Empire.

FOREIGN DEPARTMENT.

NOTIFICATIONS.

POLITICAL.

Simla, the 24th May 1882.

No. 159 G.P.

His Excellency the Viceroy and Governor General is pleased to confer upon His Highness Maharaja Mahendra Partab Singh Bahadur, of Orchha, in Bundelkhand, the honorable title of "Sawai," as a hereditary distinction.

No. 160 G.P.

His Excellency the Viceroy and Governor General is pleased to confer upon Rai Kishen Kumar, Rais of Sahespur, in the Muradabad District, North-Western Provinces, the title of "Raja," as a personal distinction.

No. 161 G.P.

His Excellency the Viceroy and Governor General is pleased to confer upon Chaudhari Khaslat Hosain, Talukdar of Kakrali, in the Hardoi District, Oudh, the title of "Raja," as a personal distinction.

No. 162 G.P.

His Excellency the Viceroy and Governor General is pleased to confer upon Kumar Purno Chandar Singh, of Kandi, in the Murshidabad District, the title of "Raja," as a personal distinction.

No. 163 G.P.

His Excellency the Viceroy and Governor General is pleased to confer upon Munshi Fazl Hosain, of Lucknow, the title of "Khan Bahadur," as a personal distinction.

No. 164 G.P.

His Excellency the Viceroy and Governor General is pleased to confer upon Khan Sahib Karsetji Palanji Lalkaka, Superintendent of Post Offices, Bombay Circle, the title of "Khan Bahadur," as a personal distinction.

No. 165 G.P.

His Excellency the Viceroy and Governor General is pleased to continue to Hukm Chand, late Extra Assistant Commissioner, Punjab, on his retirement from the public service, the title of "Rai Bahadur," and to confer on him the designation of "Honorary Assistant Commissioner," as personal distinctions.

No. 166 G.P.

His Excellency the Viceroy and Governor General is pleased to confer upon Babu Brij Bhukhan Lal, of Lucknow, the title of "Rai Bahadur," as a personal distinction.

No. 167 G.P.

His Excellency the Viceroy and Governor General is pleased to confer upon Lachhman Singh, Superintendent, Railway Mail Service, Bombay Division, the title of "Rai Bahadur," as a personal distinction.

No. 168 G.P.

His Excellency the Viceroy and Governor General is pleased to confer upon Pandit Sundar Lal, Personal Assistant to the Post Master General, North-Western Provinces, the title of "Rai Bahadur," as a personal distinction.

No. 169 G.P.

His Excellency the Viceroy and Governor General is pleased to confer upon Jadu Nath Rai, Sub-Engineer, Public Works Department, Bengal, the title of "Rai Bahadur," as a personal distinction.

No. 170 G.P.

His Excellency the Viceroy and Governor General is pleased to confer upon Prasanna Kumara Banarji, Sub-Engineer, Public Works Department, Bengal, the title of "Rai Bahadur," as a personal distinction.

No. 171 G.P.

His Excellency the Viceroy and Governor General is pleased to confer upon Moro Gopal, Chief Constable of the Sholapur Police, Bombay, the title of "Rao Bahadur," as a personal distinction.

No. 172 G.P.

His Excellency the Viceroy and Governor General is pleased to confer upon Sodhi Man Singh, Jagirdar of Butar, in the Firozpur District, and Honorary Extra Assistant Commissioner, Punjab, the title of "Sardar Bahadur," as a personal distinction.

No. 173 G.P.

His Excellency the Viceroy and Governor General is pleased to confer upon Moro Krishna Dabholkar, eldest son of the Jagirdar of Akolner and Khedle Parmanand, in the Ahmadnagar District, Bombay, the title of "Rao Sahib," as a personal distinction.

C. GRANT,

Secretary to the Government of India.

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SIMLA, WEDNESDAY, JUNE 28, 1882.

DEPARTMENT OF FINANCE AND COMMERCE.

NOTIFICATION.

No. 2027.

Simla, the 28th June 1882.

In exercise of the powers conferred by Section 6 of Act I of 1878 (The Opium Act, 1878), the Governor General in Council is pleased to reduce by Rs. 50 per chest the duty on opium imported by land into the Presidency of Bombay for exportation by sea from the Port of Bombay.

Accordingly it is hereby notified that, till further orders, all opium imported by land into the Presidency of Bombay, and covered by a pass for exportation by sea from the Port of Bombay, granted in accordance with Rule 14 of the Rules made under the Opium Act, 1878, dated the 30th March 1878 and published by the Government of Bombay, will be subject to the following duty upon each chest weighing net 140¼ lbs. avoirdupois weight, namely:—

			Rs.
When the pass for such opium is granted at Ajmere	...	...	675
When the pass for such opium is granted elsewhere	...	...	650

By order of the Governor General in Council,

D. M. BARBOUR,

Offg. Secretary to the Government of India.

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SIMLA, SATURDAY, JULY 22, 1882.

HOME DEPARTMENT.

NOTIFICATION.

ESTABLISHMENTS.

No. 288.

Simla, the 22nd July 1882.

Her Majesty the Queen, Empress of India, has been graciously pleased to appoint Mr. Theodore Cracraft Hope, C.S.I., of the Bombay Civil Service, to be an Ordinary Member of the Council of the Governor General of India. Mr. Hope has on the afternoon of this day taken his seat under the usual salute as an Ordinary Member of the said Council.

By order of the Governor General in Council,

A. MACKENZIE,
Secretary to the Government of India.

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The Gazette of India

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SIMLA, SATURDAY, JULY 29TH, 1882.

MILITARY DEPARTMENT.

FIELD OPERATIONS.

EGYPT.

No. 421.

Simla, the 29th July, 1882.

Under instructions from Her Majesty's Government, the Most Hon'ble the Governor General in Council has been pleased to direct that a force, as detailed below, be despatched for service in Egypt.

The appointments herein made will have effect from the dates on which the officers named may enter upon the duties thereof :—

Major-General Sir H. T. Macpherson, K.C.B., V.C., Bengal Staff Corps	Commanding
Lieutenant F. C. E. Childers, Royal Artillery ...	Aide-de-Camp
Major A. B. Morgan, Norfolk Regiment ...	Assistant Adjutant General
Major M. J. King-Harman, Bengal Staff Corps ...	Assistant Quartermaster General
Captain H. Melliss, Bombay Staff Corps ...	Deputy Asst. Quartermaster General
Captain E. R. Elles, Royal Artillery ...	Deputy Asst. Quartermaster General
Colonel H. Moore, C.B., C.I.E., Bombay Staff Corps ...	Assistant Quarter Master General (for Intelligence).
Lieutenant J. M. Grierson, Royal Artillery ...	Deputy Assistant Quartermaster General (for Intelligence).
Colonel J. Browne, C.S.I., Royal Engineers ...	Commanding Engineer
Major W. G. Nicholson, Royal Engineers ...	Field Engineer
Lieutenant J. Burn-Murdoch, Royal Engineers ...	Assistant Field Engineer
Major H. C. Marsh, Bengal Staff Corps ...	Provost Marshal
Lieutenant J. E. Dickie, Royal Engineers ...	Superintendent of Army Signalling
Vety.-Surgeon J. Anderson, Army Veterinary Department	Inspecting Veterinary-Surgeon
Reverend J. Henderson, M.A.	Presbyterian Chaplain

Medical Department.

Deputy Surgeon-General C. Smith, M.D., Madras Medical Department. ...	Principal Medical Officer

Military Account Department.

Major M. A. Rowlandson, Madras Staff Corps ... Field Paymaster
Lieutenant W. R. LeG. Anderson, Bombay Staff Corps ...

Ordnance Department.

Captain H. H. Pengree, Royal Artillery ... Commissary of Ordnance

Commissariat Department.

Lieutenant-Colonel W. Luckhardt, Bombay Staff Corps ... Principal Commissariat Officer
Captain L. W. Christopher, Bengal Staff Corps ... Deputy Assistant Commissary General.
Lieutenant-Colonel C. McInroy, Madras Staff Corps ... Sub-Assistant Commissary General
Major A. T. S. A. Rind, Bengal Staff Corps ... " "
Captain B. L. P. Reilly, Bombay Staff Corps ... " "

Commissariat-Transport.

Lieutenant-Colonel C. Hayter, Madras Staff Corps ... Director of Transport
Captain S. D. Turnbull, Bengal Staff Corps ...
Lieutenant L. E. B. Booth, West Riding Regiment ... } Transport Officers
Lieutenant E. K. E. Spence, Bengal Staff Corps ...

Artillery.

No. 7-1st Brigade, Northern Division, Royal Artillery (Mountain Battery).

Cavalry Brigade.

Brigadier-General H. C. Wilkinson, *h.p.*, late 16th Lancers ... ... Commanding
Major S. D. Barrow, Bengal Staff Corps ... ... Brigade Major

2nd Bengal Cavalry.
6th Bengal Cavalry.
13th Bengal Lancers.

Sappers and Miners.

"A" Company, Madras Sappers and Miners.
"I" " " " " "

Infantry Brigade.

Colonel O. V. Tanner, C.B., Bombay Staff Corps ... ... Commanding
Major R. H. Murray, Seaforth Highlanders ... ... Brigade Major

1st Battalion Seaforth Highlanders.
7th Bengal Native Infantry.
20th Bengal (Punjab) Native Infantry.
29th Bombay Native Infantry (2nd Biluch Regiment).

In Reserve at Aden.

4th Madras Native Infantry.
31st Madras Native (Light) Infantry.

The following regulations are laid down for the guidance of all concerned:—

1. Native Regiments will go on the present established strength of 550 of all ranks for Cavalry, and 832 for Infantry, so far as they may be complete, and *minus* the men who are unfit.

2. Commanding Officers will be held responsible that none but officers, men and followers in every way fit for field service accompany the regiment: all sickly men are to be left at the depot, and no others.

3. Each Native regiment will be completed to its full establishment of eight British officers, including those who may be recalled from furlough, and who may be expected to join in Egypt.

4. Followers, servants, and baggage will be according to the Kabul scale, but without grass-cutters, except as hereinafter laid down for the cavalry. All regiments will be completed with all establishments (including commissariat), according to the orders laid down, in their respective presidencies.

5. Depots for regiments will be formed under the orders of His Excellency the Commander-in-Chief in India, and of the Governments of Madras and Bombay respectively.

6. A British officer will be detailed for the charge of each of these depots, and will draw the allowance specified in Articles 307 and 378, Pay Code for India, Vol. I. A pay havildar, on a staff salary of Rs. 5 per mensem, will be allowed to each depot of native troops.

7. Commanding Officers will be held responsible that all orders and circulars connected with family remittances and arrangements for the comfort of the men and families are made known to, and are in possession of, officers appointed to the charge of depots; and that provision is made for the care of spare arms, accoutrements, books, heavy baggage, &c., which may be left behind.

8. Quartermaster's establishments for the depots will be supplied under clause 15, India Army Circulars of 1880.

9. The families of British troops left behind in India will remain at their present stations, and will receive, in addition to subsistence allowance, three-quarter rations for the wives and half-rations for the children.

10. Followers, servants, baggage, camp equipage, and kit, for staff and departmental officers, will be on the Kabul scale, but grass-cutters will not be taken.

11. The British troops, including officers of the Army Medical Department, will remain on Indian pay and allowances until they land in Egypt, when they will come under the orders of the General Commanding in Egypt, and will then be on the same scale of pay and allowances as the rest of the British troops with the expeditionary force.

12. Native infantry and sappers and miners will draw extra batta; and free rations will be allowed to all ranks of cavalry, infantry, and sappers, while on foreign service.

13. Each native commissioned officer of the cavalry will be required to keep up one pony and one attendant as syce and grass-cutter, whether he takes one or two horses; and the non-commissioned officers and privates to maintain one pony and one grass-cutter for every two horses.

14. Compensation at the rate of Rs. 5 per mensem will be allowed to the native officers for each bargheer sanctioned by existing regulations, if maintained by them, out of which sum they will pay the share of the grass-cutter's wages and provide the stable gear. A similar amount will be deducted from the pay of the bargheer sowars.

15. As during a sea voyage the officers, non-commissioned officers and sowars of the cavalry would be unable to make the requisite provision for the forage of their horses, whilst difficulty might be experienced in this respect during a portion of their service on land, the forage of the horses, and of the mules or ponies accompanying, will be undertaken by the Commissariat, with such assistance as the regiments and followers may be enabled to render after landing.

16. All ranks will be required, as at present, to maintain one efficient horse; but the native commissioned officers will be allowed forage for two horses each, if they desire to take a second charger.

17. The grass-cutters will be paid by the troops, as usual; but the ponies will receive grain, and, when necessary, hay, free of cost. Both grass-cutters and animals will be employed to procure forage when obtainable, and must be held disposable for all purposes.

18. The native commissioned and non-commissioned officers of cavalry will continue to subscribe to the regimental funds to such extent as commanding officers may deem necessary within the limits prescribed by regulations.

19. They will continue to supply themselves with the ordinary clothing, equipment, saddlery, and stable gear for their horses; but articles of extra clothing necessitated by any speciality of climate or service will be issued free of cost.

20. All casualties of horses or ponies arising from neglect or from causes evidently unconnected with the particular nature of the service must, as usual, be replaced by the regiments concerned. Each troop will be allowed to embark and maintain two chunda horses, to meet casualties, which will be rationed free of cost.

21. All casualties among horses or ponies fairly attributable to, or connected with, the service, including those from accident on boardship or during embarkation or disembarkation, will, if there has been no proved neglect, be replaced by Government, or compensation will be allowed, under the rules in the Pay Code for India, Vol. II.

22. During the continuance of the arrangement under which the supply of grain and forage to the cavalry is undertaken by the State, the pay of the several grades will be as follows :—

Bengal Cavalry.

	Rates of pay. Rs.	A.	P.
1 Ressaldar, 1st class	300	0	0
1 „ 2nd „	250	0	0
1 „ 3rd „	200	0	0
1 Ressaidar, 1st „	150	0	0
1 „ 2nd „	135	0	0
1 „ 3rd „	120	0	0
1 Woordie-major	150	0	0
2 Jemadars, 1st class	80	0	0
2 „ 2nd „	70	0	0
2 „ 3rd „	60	0	0
Duffadars	30	0	0
Trumpeters	25	0	0
Sowars	20	0	0

23. Public followers, except those engaged on salaries specifically laid down for the occasion, will receive an addition of 50 per cent. on pay and batta, in addition to free rations, while on foreign service.

24. The sanctioned followers paid by the troops will receive from Government free rations, and such extra pay as may be necessary to put them on a par with the public followers of a similar class.

25. The scale of rations for native troops on shore will be that laid down in Article 641, Indian Commissariat Code, extracted in the margin. An allowance of 1 lb. of meat per man weekly is also authorised.

Atta 2 lbs., or rice	1½	lbs.
Dhal	4	oz.
Ghee	2	„
Salt	¾	„
Onions	1	„
Pepper	$\frac{1}{6}$	„
Chillies	$\frac{1}{6}$	„
Turmeric	$\frac{1}{6}$	„

When meat, even on special occasions, is issued, the ration of atta or rice is to be reduced one-half.

No claim for pecuniary compensation can be admitted, if through accident any part of the above authorised scale of rations is not forthcoming.

The issue of tea and sugar should be confined to the cases of sick and wounded, for whom medical officers may authorise it, and for the rest of the troops on special occasions of fatigue, exposure, or bad climate when recommended by the principal medical officer. On such occasions 2 oz. of sugar and ½ oz. of tea per man may be issued.

Tobacco can only be issued on payment at the rate of one ounce per man per diem, the price charged being the first cost to Government, without any addition on account of carriage or losses.

The scale of rations on boardship will be for Europeans that laid down in Appendix XI, page 565, Commissariat Code, and for natives that laid down in Appendix XIV, page 575, of the same Code.

The scale of rations for followers will be as follows :—

Wheat flour or rice ...	1½	lbs.
Dhal	4	oz.
Ghee	1	„
Salt	¾	„

26. On land the forage allowance for each horse will be 8 lbs. of such grain as may be procurable, with 14 lbs. of hay when green forage is not procurable, or otherwise as may be ordered. The allowance for ponies will be one-half of the forage ration of a horse.

"433. Officers *on field service* are required to credit in their pay bills the value of all rations, &c., and the hire of all carriage supplied to them under the following certificate:—

"I do hereby certify on honor that during the period for which the pay (or advance) is drawn, I have received rations from the Commissariat for myself, servants, and horses. I have also had the use of the following Government carriage:—

."

27. British officers and departmental warrant officers will be allowed to draw rations for themselves, servants, and horses from the Commissariat Department, payment being made as laid down in the Commissariat Code, paragraph 433:—

Officers—

Rations for themselves, daily, exclusive of rum or extra supplies	Rs.	0	8	0
Rations for their servants, monthly	„	2	8	0
Rations for each horse, daily	„	0	8	0

Warrant Officers—

Rations for themselves, daily, exclusive of rum or extra supplies ...	„	0	6	0

28. Transport will be charged for at the rates laid down for the Afghan war, *viz.*, 8 annas and 7 annas per diem for camels and mules respectively.

29. The officers of the Military Account Department will act as Field Paymasters, and also have charge of the treasure chest.

30. Pay lists of British troops for the period of the voyage will be rendered to the Pay Examiner of the Presidency to which they belong; from date of landing in Egypt, they will be rendered to the Staff Paymaster with the force proceeding from England.

31. Pay lists of native troops will be forwarded, as soon after the first of each month as may be possible, through the Field Paymaster, to the Pay Examiner of the Presidency to which the troops belong. Officers commanding regiments will draw monthly from the field pay office such sums as may be required for the pay of themselves and their men, after making provision to meet family allotments and remittances, fund subscriptions, &c., the amount of which allotments, &c., they will debit themselves with in their general states.

32. The pay bills of all staff and departmental officers will be adjusted by the Field Paymaster.

33. All payments to native troops will if practicable be made in rupees; but should it be necessary to issue the coinage of the country or British money, their pay and allowances will be converted into that coinage, under the orders of the General Commanding, at the rates of exchange current in Egypt.

34. Officers commanding native regiments and detachments detailed for service are directed to at once draw and distribute three months' pay in advance to their respective corps.

35. Staff and departmental establishments may receive similar advances, not including command, contract, office, and staff allowances.

36. The family remittances to India of the British troops will be made at the official rate of exchange through the Field Paymaster. Remittances to England will be made under the War Office regulations. The family remittances of native troops will be arranged for, as usual, by officers commanding regiments and detachments.

37. Officers, warrant officers and non-commissioned officers, with the exception of those belonging to the British portion of the division, requiring remittances to India, may remit the whole or any part of their pay to India at par on paying the amount to the Field Paymaster, who is authorised to grant transfer remittance receipts on any treasury in India. As an alternative arrangement, officers may leave with the Presidency Paymaster, Bombay, an allotment roll stating the amount they wish to be paid monthly, and the person to whom it should be remitted. That officer will then make the necessary remittance monthly, and he will furnish the Field Paymaster with a list of the sums thus allotted, to enable the latter to make the necessary deduction from officers' pay bills. Remittances to England for the benefit of their families may be made through the Field Paymaster at the official rate of exchange, to the extent of one-half of an officer's clear receipts, exclusive of office and contingent allowances.

38. Officers of the expeditionary force should recover from the pay of followers serving under them the amount that each man may desire to be paid to his family in India, and send to the Controller of Military Accounts, Accounts Branch, Bombay, in time to reach him not later than the 20th of each month, a statement* of such recoveries, according to which the families will be paid under instructions to be issued by that officer. The amount thus recovered should be paid to the Field Paymaster, whose receipt should be entered on, or attached to, the statement.

* Form attached.

39. Every care should be taken to fill in the statements correctly from the tickets given to the men on engagement and the records in the field. Where the information is not available, owing to the loss of the tickets or any other cause, immediate application should be made to the depot commanding or departmental officers concerned.

40. Clothing and equipment on the following scales will be issued to troops and followers :—

British Troops.

Waterproof sheet, English*	1
Jerseys	2
Boots, pairs	1
Puttees (on payment)	1
Extra blanket	1
Canvas frock, for boardship	1
Flannel belt	1
Quart tin mug } for boardship {	1
Hammock, pillow, &c. } for boardship {	1

Native Troops.

Waterproof sheet*	1
Jerseys	2
Shoes (native), pairs	1
Puttees (on payment)	1
Blanket (country)	1
Canvas frock, for boardship	1
Flannel belts	2

Followers.

Waterproof sheet*	1
Banians or jerseys	2
Shoes (native), pairs	1
Blanket	1
Lascar or follower's coat	1
Flannel belt	1
Greatcoat	1
Pyjamahs	1
Tin canteen	1
Havresack	1

41. In addition to the above, the regulated service kit for all troops will be maintained complete.

42. All the arrangements special to this service will have effect from the date of embarkation, and continue in force until the date of return.

43. Detailed instructions on points connected with the expeditionary force have been issued to all concerned.

44. The embarkation and all subsidiary arrangements will take place under the orders of His Excellency the Commander-in-Chief in India.

* Will remain in Commissariat charge, and be issued under the orders of the General Officer Commanding as required.

Statement of recoveries on account of family payments of followers, &c., on field service during the month of 188 .

Followers, &c.				Family Certificates.					Remarks.
1	2	3	4						
Designation.	Names.	Where enlisted.	Corps or department to which attached.	No. of ticket.	To whom payable and relationship to followers.	Amount recovered.	Period for which recovered.	By whom and where payment is to be made.	

APPOINTMENTS.

BRIGADE.

No. 422.

With reference to G. G. O. No. 421 of this date, Colonel O. V. Tanner, C.B., Bombay S. C., Commandant, 29th Bombay Native Infantry, will have the temporary rank of Brigadier-General of the 2nd class while employed in command of a Brigade of the Indian Division, Egypt Expeditionary Force.

By order of His Excellency the Governor General in Council.

G. CHESNEY, *Colonel,*
Secretary to the Government of India.

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SIMLA, SATURDAY, SEPTEMBER 23RD, 1882.

MILITARY DEPARTMENT.

FIELD OPERATIONS.

EGYPT.

No. 518.

Simla, the 23rd September, 1882.

The military operations in Egypt having been brought to a successful close by the British Forces under the command of General Sir Garnet Wolseley, G.C.B., G.C.M.G., the Most Hon'ble the Viceroy and Governor General in Council desires to express the gratification of the Government of India that the Indian Division of the Expeditionary Force has taken an honourable and important part in those operations and has fully maintained the reputation of the Indian Army.

His Excellency in Council also notices with approbation the desire evinced by all branches and classes of Her Majesty's Indian Army to be allowed the opportunity of sharing in this Expedition, as testified to by the reports received from various quarters and the numerous offers of local corps to volunteer for service in Egypt.

The Governor General in Council has also had much satisfaction in receiving numerous offers of contribution in men and money for employment on the Expedition from the Princes of India; His Excellency in Council cordially recognises this proof of their loyalty to the Government of the Queen-Empress.

By order of His Excellency the Viceroy and Governor General in Council,

G. CHESNEY, *Colonel,*

Secretary to the Government of India.

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SIMLA, TUESDAY, SEPTEMBER 26, 1882.

DEPARTMENT OF FINANCE AND COMMERCE.

NOTIFICATION.

ACCOUNTS AND FINANCE.

No. 3973.

Simla, the 26th September 1882.

The Governor General in Council has determined to borrow Two Hundred and Fifty Lakhs of Rupees, being the amount required for the public service.

The following Notification is therefore published :—

FOUR PER CENT. LOAN.

His Excellency the Right Hon'ble the Governor General in Council has resolved to borrow Two Hundred and Fifty Lakhs of Rupees for the public service in the following manner.

2. Promissory Notes will be issued for the said amount in Form A annexed to this Notification, being the form of the notes of *The Four Per Cent. Loan of 1842-43*, of which Loan the notes to be now issued will form a part. All the conditions which apply to notes of *The Four Per Cent. Loan of 1842-43*, will apply to the notes to be now issued.

3. Tenders for the whole or any part of the said amount of Two Hundred and Fifty Lakhs of Rupees will be received by the Comptroller General from this date to noon of Wednesday, the 1st November 1882. Tenders must be in even hundreds of rupees not less than 500 Rs.

4. Each tender must be addressed, in the form annexed to this Notification, to the Comptroller General, Calcutta, and enclosed in a sealed cover, superscribed, "*Tender for the Four Per Cent. Loan, 1882.*" If the tenderer is not resident in India, he must name an agent resident in India to whom a letter of allotment may be issued if any part of the loan is allotted to such tenderer.

5. Each tender must be accompanied by a receipt from one of the Banks of Bengal, Madras, or Bombay, or one of their Branches, or from an Officer in charge of some public Treasury, or by a cheque drawn in favour of the Comptroller General on a Bank in Calcutta, Madras, or Bombay, or by* Government Promissory Notes, standing in the name of or endorsed to the tenderer or the person making the deposit, for not less than one-hundredth, or, if the tender be for less than Five Lakhs of Rupees, then for not less than one-fiftieth part of the tender. If the allotment is not fully taken up, this deposit of one or two

* *It is particularly requested that such Promissory Notes may NOT be endorsed to the Comptroller General.*

per centum will be forfeited; and if one or more Government Promissory Notes have been deposited, such note or notes will be appropriated by the Government and cancelled; otherwise, if the deposit is in cash, it will be treated as in part payment of the last instalment. A cash deposit may, after acceptance of the tender in support of which it is made, be replaced by a Government Promissory Note, as aforesaid.

6. The rate at which a tender is made must not contain a fraction of an anna: if a rate containing a fraction of an anna is inserted in any tender, such fraction will be struck out and the tender treated as if the rate did not contain such fraction of an anna.

7. The rate at which each tender is made must be specified in rupees or rupees and annas: a tender in which no rate is thus specified, but a subscription is offered in some other terms, as, for example, at the recorded minimum, or at some specified percentage in addition to the recorded minimum, or at the average of the accepted tenders, will be rejected as null and void.

8. The minimum rate at which tenders will be accepted will be recorded under the signature of the Comptroller General, and, before the tenders are opened, placed upon the table in a sealed envelope, but will not be declared unless some tender is rejected only because it is below the recorded minimum.

9. Tenders will be opened, publicly, by the Comptroller General at the Currency Office, No. 1, Dalhousie Square, Calcutta, at noon on Wednesday, the 1st November 1882; but the contents of the tenders will not be disclosed otherwise than as provided in clause 11.

10. Tenders at the recorded minimum rate, and at rates above the recorded minimum rate, will be accepted in the order of the rates tendered, beginning with the highest rate; the amount allotted at the lowest rate at which tenders are accepted, will be divided amongst those who have tendered at this rate, in proportion, as nearly as may be found convenient, to the amounts of their tenders.

11. As soon as possible after the 1st November 1882, letters of allotment will be issued to those persons whose tenders are accepted in whole or in part, or to their agents; and an alphabetical list of the names of those to whom such letters of allotment are issued will be posted, for general information, at the Head Offices of the Banks of Bengal, Madras, and Bombay.

12. Payment of any accepted tender may be made to the account of the Government in the Head Office of one of the Banks of Bengal, Madras, or Bombay, or in any Branch of these Banks, or into any public Treasury or Treasuries in India which may be named in the tender.

13. Accepted tenders must be paid, in equal instalments, as follows:—

One-third on or before Wednesday, the 15th November 1882;
One-third on or before Monday, the 11th December 1882;
One-third on or before Thursday, the 28th December 1882:

but the whole or any part of any accepted tender may be paid at any time after receipt of the letter of allotment.

14. Interest upon each payment will be promptly paid in advance, at the rate of four per centum per annum, from the date of such payment to the last day of January 1883. But, at the option of the allottee and on his paying interest from the first day of August 1882, to date of payment, interest will run from the said first day of August.

15. Scrip receipts for instalments paid will be given by the Banks of Bengal, Madras, and Bombay, or their Branches, or by the Officers in charge of the Government Treasuries at which payment is made. These receipts will, as soon as possible, be exchanged for Promissory Notes issued under this Notification.

16. Any holder of an allotment may at his option, by paying interest for the difference of time upon any amounts paid up after 1st November 1882, receive in lieu of Promissory Notes in Form A, either Promissory Notes with coupons

attached, or Stock Certificates (Form B) with coupons attached, and payable to bearer, in accordance with the Loan Notification of this Department, dated 27th June 1881 (*i.e.*, *The Four Per Cent. Loan of 1881*, forming part of *The Four Per Cent. Loan of 1st May 1865*). In such cases the first coupon issued will be that which falls due on 1st May 1883.

FORM *A* OF PROMISSORY NOTE.—(*See Clause 2.*)

FORT WILLIAM, THE 1ST OF FEBRUARY 1843.

Promissory Note *Government Rupees* *at four per cent.*

No. *of 1842-43.*

The Governor General of India in Council does hereby acknowledge to have received from
the sum of Government Rupees Five Hundred as a Loan to the Secretary of State in Council for India; and does hereby promise, for and on behalf of the said Secretary of State in Council, to repay the said Loan, by paying the said sum of Government Rupees Five Hundred to the said
his Executors, or Administrators, or his or their Order, on demand, at the General Treasury at Fort William, after the expiration of Three Months' Notice of Payment, to be given by the Governor General of India in Council, in the *Government Gazette*, and to pay the interest accruing on the said sum of Government Rupees Five Hundred from the 1st February 1883 (Eighty-three), at the rate of four per cent. per annum by half-yearly payments, at the General Treasury of Fort William, to the said his Executors, or Administrators, or his or their Order, until the expiration of three months after such notice of payment as aforesaid, when the amount of interest due will be payable with the principal, and (such notice being considered as equivalent to a tender of payment at the period appointed for the discharge of this note) all further interest shall cease.

FORM *B* OF COUPONED CERTIFICATE.

INDIA FOUR PER CENT. RUPEE LOAN, 1865.

Redeemable at any time after three months' notice in the "Gazette of India."

Certificate

Rs. 000. No.

This is to certify that the bearer of this Certificate is entitled, under the Notification of the Government of India of the 27th June 1881, to Government Rupees India Four Per Cent. Rupee Loan, 1865, payable Three Months after Notice, which may be published in the *Gazette of India* at any time.

No. , Rs.

Calcutta, 1st November 1881.

The coupons attached to this Certificate, as well as the principal sum herein named, are payable to bearer at the Government Treasury at Calcutta only.

FORM OF TENDER.—(*See Clause 4.*)

I, *A.B.*, hereby tender for Rupees (*X*) of *The Four Per Cent. Loan, 1882*, advertised in the Notification published in the *Gazette of India Extraordinary*, dated the 26th September 1882, and agree to pay for the same, subject to the conditions notified, at the rate of Rupees (*Y*) Annas (*Z*) for every hundred rupees allotted to me.

I enclose a *deposit receipt** for Rupees (*XX*), and engage, if my offer be accepted, to pay to the account of the Government at the Bank of † (or at the† Branch of the Bank of† ; or into the Public Treasury at† , as the case may be) the first instalment of one-third on or before Wednesday, the 15th November 1882, and the several later instalments on or before the dates fixed by the said Notification as follows :—

* Or Cheque or Government Promissory Note.

† Here enter the name of Bank, Branch Bank, or Treasury.

One-third on or before Monday, 11th December 1882.

One-third on or before Thursday, 28th December 1882.

* Here insert *C.D.'s* address, which must be in India. This paragraph should only be inserted if *A.B.* does not reside in India.

Any allotment made to me may be communicated to *C.D.* at*

NOTE.—(1)—*A separate tender must be made at each rate tendered, and each tender must be supported by a separate deposit, and must be in even hundreds of Rupees not less than 500 Rs. As a precaution against mistakes, the tender, or, at least, the name of the tenderer, and the amount and rate tendered, should be written in English. The rate tendered should be the whole amount per centum, not the premium or discount: thus:—"One hundred and two," or "One hundred," or "Ninety-nine"; not "Two per cent. premium," or "Par," or "One per cent. discount."*

By order of the Governor General of India in Council,

D. M. BARBOUR,

Secretary to the Government of India.

NOTIFICATION BY COMPTROLLER GENERAL.

TENDERS FOR LOAN.

In order to secure the early return of deposits made with unaccepted tenders for the new Loan, the Comptroller General notifies the following arrangements:—

1. For all tenders presented to him in his Office upon the last fixed day, or the two days preceding it, he will give the bearer a receipt bearing a number, and initialled by himself or an assistant specially deputed for the purpose.
2. The reverse of this receipt is a form in which the tenderer may give to the Comptroller General a receipt for the deposit accompanying it. This form should, on the third day after the opening of the tenders, be filled up, signed with the same signature as the tender, and be presented at the Office of the Comptroller General. The deposit will then be returned to the bearer, in exchange for the receipt.
3. Deposit upon tenders presented personally, as described in No. 1, above, will be returned only in this way, and will not be sent by post, or otherwise. Deposits upon other unsuccessful tenders will be returned by post, or by the hands of a clerk.
4. The Comptroller General requests that, in order to facilitate the business of his Office, tenderers will—
   (1) use the printed forms which will be available at his Office and at the Currency Office, on application to the Dufwan on duty,—at all the Provincial Account Offices, and at the Banks of Bengal, Madras, and Bombay:
   (2) if they make more than one tender, put *each* in a separate closed cover:
   (3) if the deposit is in the form of Promissory Notes or of Currency Notes, quote their number in detail in the tender.

J. WESTLAND,

The 26th September 1882.

Comptroller General.

Printed and Published for the GOVERNMENT OF INDIA *at the Govt. Central Branch Press, Simla.*

The Gazette of India.

PUBLISHED BY AUTHORITY.

№ 18.} SIMLA, SATURDAY, MAY 6, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

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Nothing for publication.

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Nothing for publication.

SUPPLEMENT No. 18.

PART I.

Government of India Notifications, Appointments, Promotions, &c.

LEGISLATIVE DEPARTMENT.

NOTIFICATION.

Simla, the 4th May, 1882.

No. 6.—In exercise of the power conferred by the Statute 24 & 25 Vic., cap. 67, section 17, the Governor General in Council has been pleased to appoint Thursday, the 11th instant, at 11 A.M., as the time, and the Council Chamber in the Government House, Simla, as the place, for a meeting of the Council of the Governor General for the purpose of making Laws and Regulations.

D. FITZPATRICK,
Secy. to the Govt. of India.

HOME DEPARTMENT.

NOTIFICATIONS.—ESTABLISHMENTS.

Simla, the 1st May 1882.

No. 184.—A vacancy having occurred in the office of an Ordinary Member of the Council of the Governor General of India by the resignation of the Honourable Whitley Stokes, C.S.I., C.I.E., Her Majesty the Queen, Empress of India, has been graciously pleased to appoint Courtenay Peregrine Ilbert, Esquire, M.A., Barrister-at-Law, to be an Ordinary Member of the Council of the Governor General of India.

Mr. Ilbert has on the afternoon of this day, under the usual salute, taken his seat as an Ordinary Member of the Governor General's Council.

The 2nd May 1882.

No. 185.—Mr. F. C. Daukes, C.S., Under Secretary to the Government of India, has obtained privilege leave for three months, with effect from the 1st May 1882, or from any subsequent date on which he may avail himself of it.

The 4th May 1882.

No. 188.—Sir George E. W. Couper, Bart., C.B., K.C.S.I., C.I.E., is permitted to resign Her Majesty's Bengal Civil Service, with effect from the 17th April 1882.

No. 193.—The following permanent and temporary promotions are made in the British Burma Commission, with effect from the 1st April 1882 :—

Mr. H. Buckle, Deputy Commissioner, 3rd grade, to be Deputy Commissioner, 2nd grade.

Major R. C. Evanson, Deputy Commissioner, 4th grade, to be Deputy Commissioner, 3rd grade.

Major M. C. Poole, Deputy Commissioner, 4th grade, to be Deputy Commissioner, 3rd grade.

Major M. Furlong, Deputy Commissioner, 3rd grade, to officiate as Deputy Commissioner, 2nd grade.

Mr. G. L. Weidemann, C.S., Deputy Commissioner, 4th grade, to officiate as Deputy Commissioner, 3rd grade.

Major G. Aiexander, Deputy Commissioner, 4th grade, to officiate as Deputy Commissioner, 3rd grade.

The 5th May 1882.

No. 195.—Mr. A. H. T. Martindale is appointed to officiate as Under-Secretary to the Government of India in the Home Department during the absence on privilege leave of Mr. F. C. Daukes, or until further orders.

Mr. Martindale assumed charge of his duties on the forenoon of the 5th instant.

MEDICAL.

The 4th May 1882.

No. 195.—The services of Brigade-Surgeon T. Mathew, M.B., are replaced at the disposal of the Military Department, with effect from the 6th April 1882.

No. 199.—The services of Surgeon A. E. R. Stephens, Officiating Medical Officer, 3rd Bengal Cavalry, are temporarily placed at the disposal of the Government of the Punjab.

JUDICIAL.

The 5th May 1882.

No. 617.—Under the provisions of Section 3, Act XXVI of 1881 (The Negotiable Instruments Act, 1881), the Governor General in Council has been pleased to appoint the following persons to perform the functions of Notaries Public under that Act :—

Mr. Sarandra Kishun Dutt, Pleader, Jubbulpore.

Mr. Balwant Rao Govind, Pleader, Nagpur.

ECCLESIASTICAL.

The 5th May 1882.

No. 84.—*Erratum.*—In Home Department Notification No. 222, dated the 30th December 1881, regarding the transfer of the services of the Reverend T. F. Dale from the Bombay to the Bengal Ecclesiastical Establishment, *for* "5th August last," *read* "5th September last."

FORESTS.

The 29th April 1882.

No. 370F.—Major F. Bailey, R.E., temporarily appointed by the Notification of this Department No. 927F., dated the 11th October last, to be Officiating Conservator of Forests in the Punjab, will revert to his substantive appointment of Conservator of Forests of the School Circle in the North-Western Provinces and Director of the Forest School.

Major G. J. vanSomeren, Officiating Conservator of Forests of the School Circle in the North-Western Provinces and Director of the Forest School, is appointed, as a temporary arrangement, to officiate as Conservator of Forests in the Punjab.

A. MACKENZIE,
Secy. to the Govt. of India.

FOREIGN DEPARTMENT.

NOTIFICATIONS.—GENERAL.

Simla, the 5th May 1882.

No. 716 *G.G.*—Major A. L. Playfair, B.S.C., Cantonment Magistrate, Morar, held temporary charge of the office of Resident at Gwalior, in addition to his own duties, from the 19th to the 30th January 1882 and from the 26th February to the 2nd March 1882, inclusive.

No. 718 *G.G.*—Mr. J. W. Alexander, Principal of the Residency College, Indore, is granted leave on medical certificate to Europe for 18 months, under Section 127 of the Civil Leave Code, from the 24th April 1882, or such subsequent date as he may avail himself of it.

No. 720 *G.G.*—The leave for three months on urgent private affairs granted, under Section 60 of the Civil Leave Code, to Mr. W. B. Jones, Commissioner, Hyderabad Assigned Districts, in Foreign Department Notification No. 414 G.G. of the 17th March 1882, is commuted to three months' furlough, under Section 49 of the Civil Leave Code.

No. 722 *G.G.*—The special leave of absence to Europe for six months on urgent private affairs granted to Lieutenant J. H. Sadler, B.S.C., Assistant to the Agent to the Governor General at Baroda, in Foreign Department Notification No. 486 G.G. of the 6th April 1882, is commuted to furlough on medical certificate for one year, under Section 49 of the Civil Leave Code.

No. 724 *G.G.*—Lieutenant C. W. Ravenshaw, B.S.C., Political Assistant of the 3rd class, *sub. pro tem.*, and Superintendent of the Rajputana State Railway Police, is granted furlough for one year, under Section 49 of the Civil Leave Code, from the 15th April 1882, or such subsequent date as he may avail himself of it.

No. 726 *G.G.*—Mr. J. R. Fitzgerald, C.S., Officiating Political Agent of the 1st class and Officiating 1st Assistant to the Resident at Hyderabad, is appointed to hold charge of the current duties of the Office of Resident at Hyderabad, in addition to his own duties, with effect from the date of assuming charge.

No. 729 *G.G.*—The portion of Foreign Department Notification No. 479 G.G. of the 6th April 1882, posting Lieutenant H. M. Temple, B.S.C., as 2nd Assistant to the Agent to the Governor General for Central India, is hereby cancelled, and Lieutenant H. M. Temple is posted as 2nd Assistant to the Resident at Hyderabad.

POLITICAL.

The 5th May 1882.

No. 141 *G.P.*—Subject to the confirmation of Her Majesty's Government, His Excellency the Viceroy and Governor General in Council is pleased to recognise the appointment of Aga Abdul Hussein Shirazi as Acting Consul General for Turkey at Bombay.

No. 144 *G.P.*—With reference to Notification No. 36 G.P. of the 3rd February 1882, Her Majesty's Government confirms the recognition by the Government of India of the appointment of Mr. W. Loening as Acting Consular Agent for Italy at Bassein.

No. 763 *E.P.*—With reference to the Notification of the Government of India, Public Works Department, No. 380, dated 2nd December 1881, the services of Major J. A. Armstrong, R.E., Executive Engineer, 1st Grade, Punjab, are replaced at the disposal of the Public Works Department, with effect from the 13th April 1882.

MILITARY.

The 5th May 1882.

No. 89 *G.M.*—Lieutenant G. H. J. Moore, Officiating Wing Officer, Meywar Bheel Corps, is appointed to officiate as Adjutant of the Mhairwarra Battalion, *vice* Lieutenant J. A. Bell, B.S.C., or until further orders.

JUDICIAL.

The 3rd May 1882.

No. 54 *I.J.*—Under Section 8 of Act XV of 1872 (The Indian Christian Marriage Act, 1872), the Governor General in Council is pleased to appoint the Rev. D. O. Fox to be a Marriage Registrar in respect of all places within the territories of His Highness the Nizam of Hyderabad, and to grant him a license, under Section 9 of the said Act, authorising him to grant certificates of marriage between Native Christians.

C. GRANT,
Secy. to the Govt. of India.

MILITARY DEPARTMENT.

Simla, the 5th May, 1882.

APPOINTMENTS.

No. 231.—STAFF CORPS—

The undermentioned officer is admitted to the Bengal Staff Corps, with effect from the date specified, subject to the confirmation of the Right Hon'ble the Secretary of State for India:—

Lieutenant Robert Henry Twigg, Royal Warwickshire Regiment, Wing Officer, 43rd Native Infantry,—26th December, 1880.

No. 232.—The undermentioned officers, appointed by the Secretary of State probationers for the Indian Staff Corps from regiments out of India, are placed at the disposal of the Government of Bombay, in view to their appointment to the Staff Corps of that presidency, with effect from the date of their arrival in India:—

Lieutenant R. L. Retallack, East Kent Regiment.

Lieutenant A. E. S. Searle, Yorkshire Regiment.

Lieutenant A. B. Elton, Yorkshire Regiment.

Lieutenant G. S. Hogge, Border Regiment.

No. 233.—PERSONAL STAFF—

The following appointment has been made on the Personal Staff of the Hon'ble the Lieutenant-Governor of the Punjab:—

Lieutenant A. H. Mason, R.E., to be Private Secretary and Aide-de-Camp. Dated 12th April, 1882.

No. 234.—ADJUTANT GENERAL'S DEPARTMENT—

Brevet Lieutenant-Colonel G. de C. Morton, Royal Warwickshire Regiment, to be a Deputy Assistant Adjutant General on the establishment, *vice* Major W. J. Boyes, whose tour of staff service has expired. Dated 16th April, 1882.

No. 235.—ARMY REMOUNT DEPARTMENT—

Veterinary Surgeon W. H. Kemp, Army Veterinary Department, to the veterinary charge of the Reserve Remount Depot, Saharanpur, *vice* Inspecting Veterinary Surgeon G. Kettlewell, appointed to the Veterinary School, Lahore. Dated 10th December, 1881.

No. 236.—MILITARY WORKS DEPARTMENT—

The following officers of Royal Engineers having been placed at the disposal of the Military Department by His Excellency the Commander-in-Chief in India, are posted as follows:—

Lieutenant J. C. Campbell, as Assistant Engineer, 1st Grade.

Lieutenant H. L. C. H. Stafford, as Assistant Engineer, 2nd Grade.

FURLOUGH AND LEAVE.

No. 237.—The undermentioned officers are granted furlough out of India, with the necessary subsidiary leave:—

Lieutenant-Colonel A. Stewart, Bengal S. C., Cantonment Magistrate, 1st class, Rawal Pindi, (p. a.) for 182 days, under rule IX of the regulations of 1868.

Lieutenant E. W. Cunliffe, Bengal S. C., Wing Officer and Adjutant, 3rd Punjab Infantry, (m. c.) for one year, under rule I of the regulations of 1875.

Surgeon A. J. Willcocks, M.B., (p. a.) for two years, under rule IX of the regulations of 1868.

Honorary Lieutenant and Assistant Commissary M. Moloney, Assistant Engineer, 3rd grade, Public Works Department, Punjab, (m. c.) for one year, under the regulations of 1868.

No. 238.—Lieutenant-Colonel (Brevet Colonel) J. I. Robinson, Cavalry, Superintendent, Hissar Cattle Farm, is granted leave in India, (p. a.) for 182 days, under rule XXV of the regulations of 1868.

No. 239.—Conductor J. Hogan, Ordnance Department, is granted leave in India, (m. c.) from the date of quitting station to the 27th March, 1882, inclusive, under rule XXVI of the regulations of 1868. (This cancels G. G. O. No. 457 of 1881.)

No. 240.—Lieutenant-Colonel (Brevet Colonel) E. Hill, Madras S. C., Squadron Commander and 2nd-in-Command, 4th Cavalry, Hyderabad Contingent, for 182 days.

No. 241.—The undermentioned officers have been granted extensions of furlough by the Right Hon'ble the Secretary of State for India:—

Lieutenant Colonel J. H. Willoughby-Osborne, Infantry, (m. c.) for six months.

Major A. J. D. Hawes, Bengal S. C., (p. a.) for three months.

Major C. O. W. Apperley, General List, Infantry, (m. c.) for three months.

Lieutenant A. C. Bruce, R.E., (p. a.) for one year.

Lieutenant E. D. H. Daly, Bengal S. C., (m. c.) for six months.

No. 242.—In G. G. O. No. 180 of 1882, *for* "15th February, 1882," *read* "15th May, 1882."

HONORARY DISTINCTIONS.

No. 243.—In G. G. O. No. 418 of 1881, opposite to 11th Bengal Native Infantry, *for* "Afghanistan, 1879-80," *read* "Afghanistan, 1878-80."

PROMOTIONS.

No. 244.—The following promotions are made, subject to Her Majesty's approval:—

BENGAL STAFF CORPS.

To be Major.

Captain Jasper Burne,—6th May, 1882.

To be Captain.

Lieutenant Reginald Campbell Hadow,—27th April, 1882.

BREVET.

To be Colonels.

Lieutenant-Colonel Montague Millett, Bengal Infantry,—1st July, 1881.

Lieutenant-Colonel Henry Vansittart Riddell, Bengal Infantry,—16th July, 1881.

Lieutenant-Colonel Henry Rowband, Bengal Infantry,—30th August, 1881.

Lieutenant-Colonel Maunsell Mark Prendergast, Bengal S. C.,—1st October, 1881.

Lieutenant-Colonel Robert Hastie Inglis, Bengal Infantry,—3rd October, 1881.

Lieutenant-Colonel Robert Cunliffe Low, C.B., Bengal Cavalry,—8th February, 1882.

No. 245.—The promotion of Lieutenant-Colonel Frederick Thomas Bainbridge, Bengal S. C., to the rank of Colonel by Brevet, is antedated to the 11th July, 1881, subject to Her Majesty's approval.

No. 246.—ORDNANCE DEPARTMENT—

The promotions of Assistant Commissary and Honorary Lieutenant W. Swinnerton and Deputy Assistant Commissary and Honorary Lieutenant W. Allum to the grades of Deputy Commissary and Assistant Commissary, respectively, as notified in G. G. O. No. 482 of 1881, to bear date the 1st February, 1881.

No. 247.—NATIVE ARMY—

5th Bengal Cavalry.

Ressaidar and Woordie-Major Syud Abdul Aziz, to be Ressaldar, *vice* Mahomed Uslum Khan, "Sirdar Bahadur," seconded; Jemadar Pertab Singh, to be Ressaidar and Woordie-Major, *vice* Syud Abdul Aziz, promoted; Duffadar Sheodurshun Singh, to be Jemadar, *vice* Pertab Singh, promoted,—7th March, 1881.

This cancels that portion of G. G. O. No. 411 of 1881, which refers to Duffadar Sheodurshun Singh.

Duffadar Shera Khan, to be Jemadar, *vice* Alustoo Khan, invalided,—1st May, 1881.

7th Native Infantry.

Pay and Color-Havildar Ramburn Opudhia, to be Jemadar, *vice* Mahomed Zeman Khan, resigned,—8th November, 1881.

Pay and Color-Havildar Bhawanibuccus Sing, to be Jemadar, *vice* Judnath Sing, transferred to the 17th Native Infantry; Pay Havildar Mahomed Yar Khan, to be Jemadar, *vice* Ruchpal Sing, transferred to the 17th Native Infantry,—12th February, 1882.

RETIREMENTS.

No. 248.—Surgeon C. H. Beatson has been placed on temporary half-pay, with effect from the 8th May, 1882, subject to Her Majesty's approval.

REWARDS.

No. 249.—GOOD SERVICE PENSIONS—

It is hereby announced that, on the recommendation of the Government of India, Her Majesty's Government has been pleased to confer a good service pension on the undermentioned officer, with effect from the date specified:—

From the 9th December, 1881, in room of Major-General H. H. A. Wood, C.B., succeeded to the Colonel's allowance.

COLONEL GEORGE FORBES HOGG, BOMBAY STAFF CORPS.

Date of Commissions.

Ensign	...	3rd March, 1848.
Lieutenant	...	25th December, 1854.
Brevet Captain	...	18th February, 1861.
Captain	...	5th February, 1862.
Major	...	3rd March, 1868.
Brevet Lieutenant-Colonel		15th August, 1868.
Lieutenant-Colonel	...	3rd March, 1874.
Brevet Colonel	...	10th March, 1875.

Appointments.

Regimental duty, 1st Bombay Fusiliers, from 9th April, 1848, to September, 1855.

Commanding 4th Company, Sappers and Miners, from September, 1855, to 7th November, 1856.

Quartermaster and Interpreter, 2nd Belooch Regiment, Native Infantry, from 8th November, 1856, to 13th March, 1862.

Acting Staff Officer, Hyderabad, from 14th March, 1862, to 12th September, 1862.

Regimental duty, 2nd Belooch Regiment, Native Infantry, from 13th September, 1862, to 5th June, 1863.

2nd-in-Command, Belooch Regiment, Native Infantry, 6th June, 1863, to 31st December, 1863.

Junior Wing Commandant, Belooch Regiment, Native Infantry, 1st January, 1864, to 24th October, 1865.

2nd-in-Command, Belooch Regiment, Native Infantry, 25th October, 1865, to 11th February, 1867.

2nd-in-Command, 1st Belooch Regiment, Native Infantry, 12th February, 1867, to 31st May, 1868.

Officiating Commandant, Belooch Regiment, Native Infantry, from 1st June, 1868, to 31st December, 1869.

2nd-in-Command, Belooch Regiment, Native Infantry, 1st January, 1870, to 8th May, 1874.

Officiating Commandant, 1st Belooch Regiment, Native Infantry, from 9th May, 1874, to 28th February, 1876.

2nd-in-Command, 1st Belooch Regiment, Native Infantry, from 1st March, 1876, to 31st March, 1876.

Officiating Commandant, 12th Regiment, Native Infantry, from 1st April, 1876, to 19th June, 1876.

Commandant, 12th Regiment, Native Infantry, from 20th June, 1876, to date.

War Services.

Served in the 1st Fusiliers with the Bombay Column, Army of the Punjab, in 1848-49; present at the siege and capture of Mooltan, battle of Goojerat, pursuit and surrender of the Sikh Army (Medal and two clasps). Served in the 2nd Belooch Regiment with the Persian Expeditionary Force in 1856-57, at the occupation of Karrack, with the expedition to Borazjoon, and at the battle of Khooshab (Medal, with clasp). Also on field service in 1857-59 on the Derajat Frontier. Served in China with the same regiment in 1862-64 against the Taepings around Shanghai, and at Quinson in support of Colonel Gordon's operations before Soochow. Served with the 1st Belooch Regiment throughout the Abyssinian Campaign of 1867-68; present at the action of Arogee on the 10th, and storming of Magdala on the 13th April, 1868 (mentioned in despatches, medal, and Brevet Lieutenant-Colonel).

G. CHESNEY, *Colonel,*
Secretary to the Government of India.

MILITARY DEPARTMENT.

NOTIFICATION.

Calcutta, the 1st May, 1882.

Under Clause 26 of the Regulations appended to the Regimental Debts Act of 1863, it is notified that report of the death of the undermentioned commissioned officer, on the date specified, was received in the Military Department from the 24th April to the 1st May, 1882:—

Corps.	Rank and Name.	Date of decease.	Place of decease.	Testate or Intestate.	Remarks.
1st Battalion, The Border Regiment.	Lieutenant L. R. Finch ...	23rd April, 1882.	Dum-Dum	...	...

Statement of Deposits on account of Estates from the 21st April to the 1st May, 1882.

On whose account.	Rank.	Corps.	Date of decease.	Testate or Intestate.	Total unclaimed amount deposited.	Amount paid in India.	Date to which claims will be received.
British Military Service.					Rs. A. P.		
Edward C. Waud ...	Lieutenant ...	1st (King's) Dragoon Guards.	17th November, 1881.	Will left	601 10 11	...	1st July, 1882.
Arthur Gibbings ...	Major ...	Ditto	27th October, 1881.	Intestate	196 9 9	...	Ditto.
Charles W. A. Arthur ...	Captain ...	1st Battalion, York and Lancaster Regiment.	7th March, 1882.	Ditto	8 14 11	...	Ditto.

W. M. LEES, *Colonel,*
Officiating Secretary to the Government of India.

MILITARY (MARINE) DEPARTMENT.

Simla, the 5th May, 1882.

FURLOUGH AND LEAVE.

No. 18.—Mr. R. W. Laing, Engineer, attached to I.G.S. *Teesta*, is granted 18 months' leave to Europe on medical certificate, under Section 127, Chapter X, Civil Leave Code.

G. CHESNEY, *Colonel,*
Secretary to the Government of India.

PUBLIC WORKS DEPARTMENT.

NOTIFICATIONS.

Simla, the 4th May 1882.

No. 118.—The Governor General in Council is pleased to make the following promotions in and to the classes of Chief and Superintending Engineers, with effect from the dates specified :—

Names.	From	To	Date.	Nature of promotion.
Gulliver, Major-General H. W., R.E.	Chief Engineer, Class II	Chief Engr., Class I ...	Feb. 20th, 1882	Permanent.
Mayne, Colonel J. O., R.E. ...	Tempy. Chief Engr., " II	" " " II ...	" 20th "	"
deBourbel, Colonel R., R.E. ...	Offg. " " " II	" " " II ...	" 20th "	Temporary.
Peile, Colonel F. W., R.E. ...	" " " " I	" " " I ...	Mar. 12th "	Permanent.
Furnivall, W. C. ...	Chief Engineer, " III	" " " II ...	" 12th "	"
Trevor, Colonel S. T., R.E. ...	Tempy. Chief Engr., " III	" " " III ...	" 12th "	Sub. *pro tem.*
Meddley, Colonel J. G., R.E.	Chief Engineer, " II	" " " I ..	" 12th "	Temporary.
Trevor, Colonel S. T., R.E. ..	Substantive *pro tem.* Chief Engr., Class III.	" " " II ..	" 20th "	"
Lindsay, Lieut.-Col. J. G., R.E	Supdg. Engineer, Class I	" " " III ...	" 20th "	"
Garbett, H.	Offg. Supdg. Engr., " I	Supdg. " " I ..	Jan. 11th "	"
Harrison, Major C. W. I., R.E.	" " " " II	" " " II	" 11th "	"
Moncrieff, Major C. C. S., C.S.I., R.E.	Supdg. Engineer, " II	" " " I	Feb. 20th "	Sub. *pro tem.*
Martin, E. J.	Tempy. Supdg. Engr., " II	" " " II .	" 20th "	"
Parker, W H.	Supdg. Engineer, " II	" " " I	" 20th "	Temporary.
Wilson, J H.	" " " III	" " " II	" 20th "	"
Thomason, Colonel C S., R E	Tempy. Supdg. Engr., " I	" " " I .	Mar. 12th "	Sub. *pro tem.*
Cregreen, A. C.	Supdg. Engineer, " III	" " " II	" 12th "	"
Anley, G. A. D. ..	Exe. " 1st Grade	" " " III	" 12th "	Permanent.
Heywood, Major J. M., R E	Supdg " Class II	" " " I ...	" 20th "	Temporary.
Manderson, Major T. C., R E	" " " III	" " " II ...	" 20th "	"
Geoghegan, H. T.	" " " II	" " " I	Apl. 2nd "	"
Anley, G. A. D. ...	" " " III	" " " II	" 2nd "	"
LaTouche, H. C. D. ...	Tempy. Supdg Engr. " III	" " " II ...	" 6th "	"

No. 119.—Mr. H. E. Haddon, Assistant Engineer, 1st Grade, Railway Branch, is transferred from the Central Provinces to Bengal.

No. 120.—The following promotions are made in the Revenue Establishment of State Railways, with effect from 1st January 1882 :—

TEMPORARY.

From Class I, Grade 2, to Class I, Grade 1.

Mr. H. M. Mathews ... During such time as he holds the posts of Manager and Engineer-in-Chief of the Rangoon and Irrawaddy Valley and Engineer-in-Chief of the Rangoon and Sittang Valley Railway, or until further orders.

Major W. S. S. Bisset, R.E. During such time as he holds the post of Manager, Rajputana-Malwa State Railway, or until further orders.

PERMANENT.

From Class II to Class I, Grade 3.

Mr. F. N. Gütersloh ... Locomotive Superintendent, Rajputana-Malwa State Railway.

Mr. A. W. Rendell ... Locomotive Superintendent, Bengal State Railways.

Mr. I. O'Callaghan ... Traffic Superintendent, Rajputana-Malwa State Railway.

From Class III to Class II.

Mr. A. B. Thomson ... Locomotive Superintendent, N. W. Provincial State Railways.

Mr. C. M. Davies ... District Locomotive Superintendent, Rajputana-Malwa State Railway.

Mr. G. M. Drury ... Traffic Superintendent, Northern Bengal State Railway.

Mr. W. E. Hartt ... District Traffic Superintendent, Rajputana-Malwa State Railway.

Mr. J. M. Rutherford Officiating Traffic Superintendent, Indus Valley State Railway.

From Class IV to Class III.

Mr. G. Hawkes ... Assistant Traffic Superintendent, Indus Valley State Railway.

Mr. A. W. U. Pope ... Traffic Superintendent, Tirhoot and Patna-Gya State Railways.

Mr G. S. Leonard ... Assistant Traffic Superintendent, Northern Bengal State Railway.

Mr. W. Sandford ... District Traffic Superintendent, Rajputana State Railway.

No. 121.—Mr. J. J. Jones, Executive Engineer, 3rd Grade, Railway Branch, attached to the Locomotive Department of the Rajputana-Malwa State Railway, is transferred to Class III of the State Railway Revenue Establishment, with effect from the 24th November 1879.

W. S. TREVOR, *Colonel, R.E.,*
Secy. to the Govt. of India.

The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, MAY 6, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller General, &c.

GAZETTE OF INDIA.

NOTICE.

The 11th March 1882.

From the 8th April next, till further notice, Parts I, IV, and V of the *Gazette of India*, and the Weather and Crop Report, will be published at Simla. After the 1st April, all Notifications and other matter intended for publication in those Parts, should be addressed to the Officiating Publisher at that station.

Parts II and III and the Supplement will continue to be published in Calcutta.

From the 1st January 1882, Parts IV and V of the *Gazette of India*, containing the Acts and Bills of the Legislative Council, may be subscribed for separately from the other Parts of the Gazette. The annual subscription for the two Parts will be Rs. 5 per annum, payable in advance. When sent by post, Rs. 2-8 per annum additional will be charged for postage.

Complaints regarding non-receipt of any number of the *Gazette* should be forwarded within a week after the day on which it is due.

Applications for the supply of the *Gazette* on the *public service* should be addressed to the Home Department.

By an order of Government, all subscriptions must be paid *in advance*.

	Rs.	A.	P.
Subscription for *Gazette* and Supplement per annum	15	0	0
Postage	5	8	0
Subscription for Supplement only	6	0	0
Postage	3	0	0
For a single copy of the *Gazette*	0	8	0
For a single copy of the Supplement	0	8	0

Postage on single copies varies according to weight.

E. J. DEAN,
Publisher, Gazette of India.

NOTICE.

The Office of Superintendent of Government Printing having been removed to No. 166, Dhurrumtollah Street, all communications intended for that Office should be sent to that address.

E. J. DEAN,
Supdt. of Govt. Printing, India.

HIGH COURT—Original Side.

NOTIFICATION.

Calcutta, the 2nd May 1882.

The Honorable the Chief Justice has, with the approval of His Excellency the Governor General of India in Council, made the following appointments during the absence of Mr. C. T. Davis on privilege leave, or until further order :—

Mr. W. R. Fink, Assistant Registrar, Original Side, to officiate as Chief Clerk of the High Court.

Mr. S. Tremearne, Private Secretary and Clerk to the Chief Justice, to officiate as Assistant Registrar.

Baboo Grees Chunder Bonnerjee, Assistant Clerk, Original Side, to officiate as Private Secretary and Clerk to the Chief Justice.

By Order,
R. BELCHAMBERS,
Registrar.

NOTICE TO MARINERS.

No. 17 of 1882.

BAY OF BENGAL—GULF OF MARTABAN.
KRISHNA SHOAL LIGHT-VESSEL.

Signal-gun during thick or foggy weather; alteration in colour of light-vessel.

Information has been received from the Government of British Burma that, in future, a gun

will be fired from the Krishna Shoal Light-vessel every half-hour during thick or foggy weather, for the purpose of warning approaching vessels.

NOTE.—The Krishna Shoal Light-vessel is now painted Red, instead of Yellow, as formerly.

By direction of the Government of India,

A. DUNDAS TAYLOR, *Comdr. (late I.N.),*
Superintendent, Marine Survey of India.

Marine Survey Department,
Calcutta,
The 25th April 1882.

This Notice affects the following :—

BRITISH ADMIRALTY Charts, Nos. 823, 830 and 70; also Light List for 1882.

INDIAN MARINE SURVEY Charts, Nos. 134, 15*d* and 103*b*; also Light List for 1882.

If this Notice is received on board-ship, the substance of it should be inserted on the Charts affected by it, and introduced into the Sailing Directions to which it relates.

BANK OF BENGAL.

NOTICE.

Calcutta, the 1st May 1882.

The Directors have made the following changes in the Bank's Establishment :—

Mr. A. MacBean, on his return from furlough, has resumed charge of the Lucknow Branch, and Mr. Gray, lately Acting Agent, has been granted leave of absence to Europe.

Mr. J. W. Russell, of Head Office, has been appointed to act as Agent at Delhi, and Mr. Michôd, lately Acting Agent, has been granted leave to Europe.

W. D. CRUICKSHANK,
Offg. Secretary & Treasurer.

SURVEY OF INDIA.

NOTIFICATIONS.

Mussooree, the 27th April 1882.

No. 273.—Mr. H. Corkery, Assistant Surveyor, 2nd Grade, is granted Special Afghanistan Leave for one month and twenty-two days, with effect from the 26th March 1882.

No. 274.—Mr. E. C. Ryall, Officiating Assistant Superintendent, 2nd Grade, is appointed to officiate as an Assistant Superintendent, 1st Grade, with effect from the 7th instant, the date on which Captain and Brevet Lieutenant-Colonel E. P. Leach, V.C., R.E., Assistant Superintendent, 2nd Grade, availed himself of subsidiary leave preparatory to proceeding on the furlough granted under G. G. O. No. 179, dated the 14th instant.

The 2nd May 1882.

No. 275.—Mr. W. G. Beverley, Officiating Assistant Superintendent, 1st Grade, is granted privilege leave for one month, under Sections 70 and 71 of the Civil Leave Code.

J. T. WALKER, *Lieut.-Genl., R.E.,*
Surveyor General of India.

SURGEON-GENERAL WITH THE GOVERNMENT OF INDIA.

NOTIFICATIONS.

Simla, the 13th April 1882.

No. 15.—The services of the undermentioned Hospital Assistants of the military establishment are placed permanently at the disposal of the Government of the North-Western Provinces and Oudh for civil employment in those provinces :—

1st Class, No. 84, Mahboob Khan.
2nd „ „ 68, Shaik Subruth Ally.
„ „ „ 74, Mohmed Hoossein.
3rd „ „ 169, Shaikh Fuzl Elahi.
„ „ „ 176, Bachoo Lall.
„ „ „ 194, Mittun Lall.
„ „ „ 218, Ezabutt Hossain.
„ „ „ 224, Mohomed Kabeeral Hossain.
„ „ „ 235, Abdool Hossein.
„ „ „ 300, Kalka Pershad.

No. 16.—The services of 3rd Grade Assistant Surgeon Behary Krishna Basu, of the supernumerary list, are placed permanently at the disposal of the Government of the North-Western Provinces and Oudh for employment in those provinces.

J. M. CUNINGHAM, M.D.,
Surgeon-General with the Govt. of India.

AGENT, GOVERNOR GENERAL, FOR RAJPUTANA.

NOTIFICATIONS.

Mount Abu, the 24th April 1882.

No. 1050 *G.*—Major Percy W. Smith, Officiating 2nd-in-Command, Merwara Battalion, availed himself on the 16th April 1882 of the privilege leave granted him in this Office Notification No. 952 G., dated 18th April 1882.

No. 1052 *G.*—Jemadar Seo Naraen, of the Meywar Bhil Corps, is appointed to be Native Adjutant of the Force, *vice* Roopjee, promoted, with effect from the 14th April 1882.

The 26th April 1882.

No. 1119 *G.*—Lieutenant G. H. J. Moore, Officiating Wing Officer, Meywar Bhil Corps, returned on the forenoon of the 22nd January 1882 from the examination leave and extensions thereof granted to him.

No. 1122 *G.*—With reference to Foreign Department Notification No. 62 G.-M., dated 6th April 1882, Lieutenant J. A. Bell assumed charge of the office of Adjutant, Deoli Irregular Force, on the 14th April 1882.

By Order,

E. A. FRASER,
1st Asst. Agent to the Govr. Genl.

CHIEF COMMISSIONER OF COORG.

NOTIFICATION.

Bangalore, the 29th April 1882.

No. 6.—Under the provisions of Section 8, Act XXVI of 1870 (The Prisons Act), Surgeon James Scott Dill is appointed Superintendent of the Mercara Jail, with effect from the 17th February 1882.

By Order,

H. WYLIE, *Major,*

Secretary to the Chief Commr. of Coorg.

CHIEF COMMISSIONER OF AJMIR-MERWARA.

NOTIFICATION.

Mount Abu, the 25th April 1882.

No. 259.—Mr. F. L. Reid, Principal, Ajmir Government College, and Inspector of Schools, Ajmir-Merwara Districts, is granted three months' privilege leave, with effect from such date as he may avail himself of the same.

By Order,

F. T. HEWSON,

for *1st Asst. to the Chief Commr.*

MILITARY DEPARTMENT—Military Works.

NOTIFICATIONS.

Simla, the 26th April 1882.

No. 21.—Lieutenant G. H. B. Gordon, R.E., Assistant Engineer, 2nd Grade, passed the colloquial examination in Hindustani on the 13th April 1882.

The 27th April 1882.

No. 22.—Major W. G. Nicholson, R.E., Executive Engineer, 2nd Grade, is transferred from the Sirhind and Lahore Command, Military Works, to the Head-Quarters Staff of the Inspector General of Military Works.

J. J. McLEOD INNES, *Colonel, R.E.,*

Inspr. Genl. of Military Works.

Sirhind & Lahore Command.

Lahore, the 1st May 1882.

No. 117.—Major A. Hill, R.E., Executive Engineer, transferred to the Sirhind and Lahore Command, Military Works, is posted to the Amballa Division, of which he assumed charge on the forenoon of the 22nd April 1882, from Major Nicholson, Executive Engineer, who has been transferred to the Head-Quarters Staff of Inspector General's Office, which he proceeded to join on the afternoon of the 22nd idem.

The 2nd May 1882.

No. 118.—Lieutenant D'Aguilar, R.E., Executive Engineer, transferred to the Sirhind and Lahore Command, Military Works, is posted to the Ferozepore Division, which he joined on the forenoon of the 26th April 1882.

T. C. MANDERSON, *Major, R.E.,*

Supdg. Engr., Sirhind & Lahore Command, Military Works.

Report of a Deserter from the 6th Regiment of Dragoon Guards, dated at Sialkot, this 1st day of May 1882.

Number, Rank, and Name,—No. 1840.—Private Louis Leon Husson.	At what Place Enlisted,—London.
Age,—24 years 2 months.	Parish and County in which Born,—Lambeth, Surrey.
Size,—5 feet 8½ inches.	Marks,—None.
Colour of—Complexion, fresh; Hair, brown; Eyes, blue.	Trade,—Machinist.
Date of Desertion,—10th April 1882.	Coat or Jacket,— ... } Regimentals.
Place of Desertion,—Sialkot.	Waistcoat,— ... } Regimentals.
Date of Enlistment,—2nd August 1879.	Breeches or Trowsers,— ... } Regimentals.
	REMARKS,—Of foreign appearance and slight foreign accent. Off leave to Umballa.
	Under 3 years' service.

J. GOLDIE, *Lieut.-Col.,*

Comdg. "The Carabiniers."

Statement of the Affairs of the Bank of Bengal for the week ending 2nd May 1882.

LIABILITIES.	Rs.	A.	P.
Capital paid-up	2,00,00,000	0	0
Reserve Fund	30,11,966	4	4
Public Deposits at Head Office (Rs. 92,31,608 9 5)	2,17,16,250	3	11
Public Deposits at Branches (Rs. 1,24,84,641 10 6)			
Other Deposits at Head Office and Branches	2,40,35,576	6	6
Bank Post Bills, &c.	4,77,200	4	0
Sundries	14,36,373	5	5
RUPEES	7,06,77,366	8	2

ASSETS.	Rs	A.	P.
Government Securities	71,50,211	10	0
Other authorized Investments	44,51,585	0	0
Loans on Government and other authorized Securities	80,51,802	14	9
Accounts of Credit on Government and other authorized Securities	49,23,451	12	7
Bills discounted and purchased	2,23,49,131	0	0
Balances with other Banks	9,12,753	10	2
Bullion	8,81,102	14	1
Dead Stock	12,06,657	4	10
Stamps	9,298	14	0
Sundries	3,66,381	13	11
	5,03,02,376	14	4
Cash and Currency Notes at Head Office (Rs. 76,26,286 12 9)	2,03,74,989	9	10
Cash and Currency Notes at Branches (Rs. 1,27,48,702 13 1)			
RUPEES	7,06,77,366	8	2

By order of the Directors

W. D. CRUICKSHANK.

Offg. Secy. & Treasurer.

J. GORDON.

Chief Acctt. & Depy. Secretary.

BANK OF BENGAL,

Calcutta, 4th May 1882.

COMPTROLLER GEN

No. 227.—*Account of Revenue and Expenditure of the Government of India for the*

N.B.—Amounts are converted into

REVENUE.	Estimates, 1881-82.	April to Dec. 1880.	April to Dec. 1881.	COMPARISON OF TWO YEARS. Increase.	Decrease.
	£	£	£	£	£
I.—Land Revenue	22,495,000	12,281,781	12,698,550	416,769	...
II.—Tributes	705,000	432,157	284,031	...	148,126
III.—Forest	768,100	348,160	419,752	71,592	...
IV.—Excise on Spirits and Drugs	3,031,000	2,260,210	2,492,399	232,189	...
V.—Assessed Taxes	550,000	490,990	494,084	3,094	...
VI.—Provincial Rates	2,863,000	1,810,920	1,930,574	119,654	...
VII.—Customs	2,367,000	1,728,428	1,661,711	...	66,717
VIII.—Salt	7,153,000	5,168,858	5,438,717	269,859	...
IX.—Opium	8,763,000	7,607,412	7,548,666	...	58,746
X.—Stamps	3,290,000	2,415,853	2,461,118	45,265	...
XI.—Registration	290,000	214,180	210,562	...	3,618
XII.—Mint	89,000	85,348	12,759	...	72,589
XIII.—Post Office	967,000	788,009	714,762	...	73,247
XIV.—Telegraph	452,600	370,549	302,943	...	67,606
XV.—Minor Departments	62,500	48,965	45,278	...	3,687
XVI.—Law and Justice	664,000	485,318	455,701	...	29,617
XVII.—Police	236,000	173,608	177,235	3,627	...
XVIII.—Marine	210,000	139,490	149,983	10,493	...
XIX.—Education	143,000	112,624	131,651	19,027	...
XX.—Medical Services	37,700	30,796	26,769	...	4,027
XXI.—Stationery and Printing	61,000	38,126	35,322	...	2,804
XXII.—Interest	668,000	422,758	586,129	163,371	...
XXIII.—Pensions	215,600	117,396	114,225	...	3,171
XXIV.—Miscellaneous	265,000	169,556	261,752	92,196	...
XXX.—Gain by Exchange	412,000	159,604	194,011	34,407	...
TOTAL	56,758,500	37,901,096	38,848,684	947,588	...
XXV.—Railways — *Guaranteed Railways.* Traffic Receipts	7,489,800	5,073,270	5,541,952	468,682	...
State Railways. Gross Traffic Earnings	2,420,000	1,487,482	1,738,639	251,157	...
Net Traffic Receipts, East Indian	2,800,000	1,866,288	2,290,097	423,809	...
XXVI.—Irrigation and Navigation, including Net Traffic Receipts, &c., Madras Irrigation.	902,500	430,712	533,372	102,660	...
XXVII.—Other Public Works	472,500	307,262	360,505	53,243	...
XXVIII.—Provincial and Local Deficits	821,000	...	...	...	...
XXIX.—Army	777,000	821,230	751,646	238,222	...
Military Operations in Afghanistan	61,000		307,806		...
TOTAL	72,502,300	47,887,340	50,372,701	2,485,361	...
England, including Army, Public Works, &c.	3,238,700	272,170	2,561,183	2,289,013	...
GRAND TOTAL	75,741,000	48,159,510	52,933,884	4,774,374	...

COMPTROLLER GENL.'S OFFICE,
CALCUTTA;
The 5th May 1882.

ERAL'S OFFICE.

ninth month of the year 1881-82, as compared with the corresponding period of 1880-81.

sterling @ Rs. 10 to the Pound Sterling.

EXPENDITURE.	Estimates, 1881-82.	April to Dec. 1880.	April to Dec. 1881.	COMPARISON OF TWO YEARS. Increase.	Decrease.
	£	£	£	£	£
1.—Interest on Funded and Unfunded Debt	3,576,700	2,418,591	2,609,155	190,564	...
2.—Interest on Service Funds and other Accounts	407,300	288,965	309,101	20,136	...
3.—Refunds and Drawbacks	350,000	250,627	304,065	53,438	...
4.—Land Revenue	3,031,100	2,082,306	2,091,206	8,900	...
5.—Forests	565,800	265,652	320,321	54,669	...
6.—Excise on Spirits and Drugs	99,000	87,491	70,105	...	17,386
7.—Assessed Taxes	15,000	17,974	10,917	...	7,057
8.—Provincial Rates	48,000	36,145	36,540	395	...
9.—Customs	206,000	149,688	145,783	...	3,905
10.—Salt	428,000	278,371	340,862	62,491	...
11.—Opium	2,262,500	1,796,959	1,827,328	30,369	...
12.—Stamps	74,000	56,787	57,416	629	...
13.—Registration	186,000	130,409	132,173	1,764	...
14.—Mint	85,200	56,967	50,209	...	6,758
15.—Post Office	997,900	906,741	767,266	...	139,475
16.—Telegraph	459,600	265,757	296,127	30,370	...
17.—Administration	1,298,900	921,852	906,274	...	15,578
18.—Minor Departments	438,700	248,070	391,873	143,803	...
19.—Law and Justice	3,349,600	2,386,897	2,349,413	...	37,484
20.—Police	2,571,000	1,829,305	1,840,881	11,576	...
21.—Marine	432,100	278,635	277,846	...	789
22.—Education	1,057,600	718,339	767,668	49,329	...
23.—Ecclesiastical	158,200	116,282	119,330	3,048	...
24.—Medical Services	690,500	469,858	480,522	10,664	...
25.—Stationery and Printing	424,400	310,952	314,165	3,213	...
26.—Political	535,700	279,321	452,917	173,596	...
27.—Allowances and Assignments	1,881,900	1,094,758	1,034,350	...	60,408
28.—Civil Furlough and Absentee Allowances	4,000	4,638	3,348	...	1,290
29.—Superannuation, Retired and Compassionate Allowances	708,000	624,718	559,841	...	64,877
30.—Miscellaneous	251,000	183,655	191,381	7,726	...
31.—Famine Relief	1,500,000	196	77,166	76,970	...
37.—Loss by Exchange	3,475,000	2,157,236	2,544,705	387,469	...
TOTAL	31,568,700	20,714,142	21,680,254	966,112	...
32.—Railways — *Guaranteed Railways.*					
Working Expenses	4,760,000	2,816,269	2,675,659	...	140,610
Land and Supervision	78,900	35,862	56,133	20,271	...
Interest in India	4,800	11,191	12,072	881	...
Surplus Profits paid to Railway Companies	165,300	302,664	328,712	26,048	...
State Railways.					
Working Expenses, &c.	2,086,000	2,610,587	1,499,624	...	1,174,689
Surplus Profits, &c., East Indian Railway	204,600		82,977		
Frontier Railways	386,000		—146,703		
33.—Irrigation and Navigation, including Madras Irrigation Interest, &c.	1,351,700	629,110	687,187	58,077	...
34.—Other Public Works	4,939,400	2,155,332	2,576,419	421,087	...
35.—Provincial and Local Surpluses	114,000	...	...	...	...
36.—Army	12,392,000	15,522,378	9,603,358	...	4,443,037
Military Operations in Afghanistan	2,271,000		1,475,983		
TOTAL	60,322,400	44,797,535	40,531,675	...	4,265,860
England, including Army, Public Works and Guaranteed Interest, &c.	14,563,600	10,197,347	10,300,099	102,752	...
TOTAL	74,886,000	54,994,882	50,831,774	...	4,163,108
38.—*Productive Public Works*—					
Capital Expenditure in India	3,010,000	2,020,521	1,598,595	...	421,926
Ditto ditto in England	1,863,000	402,871	231,043	...	171,828
TOTAL	4,873,000	2,423,392	1,829,638	...	593,754
GRAND TOTAL	79,759,000	57,418,274	52,661,412	...	4,756,862

E. W. KELLNER,
Depy. Comptroller General.

E. T. ATKINSON,
Offg. Comptroller General.

STATEMENT of Government Promissory Notes enfaced for payment of Interest in London, under deduction of amount re-transferred to India, and outstanding in the Books of the Bank of Bengal on the 30th April 1882.

PARTICULARS.	3½ per cent. Transfer Loan of 1853-54.	4 per cent. Loans										4½ per cent. Loans				Transfer Loan of 1879, seven shillings per cent. portion.	5 per cent. Debenture Loan of 1867-68.	5 per cent. Loan of 1856-57.	GRAND TOTAL.
		Of 1824-25.	Of 1828-29.	Of 1832-33.	Of 1835-36.	Of 1842-43.	Of 1854-55.	Transfer of 1865.	Reduced 4 per cent. Loan of 1879.	Reduced 4 per cent. Loan of 1881.	TOTAL.	Of 1870.	Of 1878.	Transfer Loan of 1879, 4½ per cent. portion.	TOTAL.				
Balance of 15th April 1882 . . .	54,100	13,333	3,200	13,75,573	31,56,100	2,30,47,700	1,04,16,700	2,92,65,537	2,92,31,400	35,500	9,65,45,043	47,60,900	99,74,400	9,88,60,000	11,35,95,300	1,11,500	32,98,000	60,200	21,36,64,143
Add—																			
Amount enfaced at Madras between 16th and 30th April 1882 . .	...	...	...	...	500	76,200	36,500	17,000	1,000	...	1,31,200	...	10,000	1,40,000	1,50,000	...	...	...	2,81,200
Amount enfaced at Bombay between 16th and 30th April 1882 . .	...	...	...	...	6,000	5,500	2,000	28,000	14,000	...	55,500	...	27,500	3,43,000	3,70,500	...	...	...	4,26,000
Amount enfaced at Calcutta between 16th and 30th April 1882 . .	...	...	...	...	500	84,300	7,000	91,100	74,500	...	2,57,400	...	43,900	42,100	86,000	...	...	...	3,43,400
	54,100	13,333	3,200	13,75,573	31,63,100	2,32,13,700	1,04,62,200	2,94,01,637	2,93,20,900	35,500	9,69,89,143	47,60,900	1,00,55,800	9,93,85,100	11,42,01,800	1,11,500	32,98,000	60,200	21,47,14,743
Deduct—																			
Amount written off in the London Registers	...	...	2,134	4,160	12,000	2,22,700	10,500	4,74,400	1,53,500	...	8,79,394	1,500	38,500	4,84,000	5,24,000	...	...	...	14,03,394
Balance on 30th April 1882 . . .	54,100	13,333	1,066	13,71,413	31,51,100	2,29,91,000	1,04,51,700	2,89,27,237	2,91,67,400	35,500	9,61,09,749	47,59,400	1,00,17,300	9,89,01,100	11,36,77,800	1,11,500	32,98,000	60,200	21,33,11,349

NOTE.—From 9th June 1867 to 28th Feb. 1882, enfaced from India 4,526 lakhs; re-transferred from London, 3,724 lakhs.

„ 1st Mar. 1882 to 15th Mar.	„	„	„	12 „	„	„	12 „
„ 16th „ „ to 31st „	„	„	„	11 „	„	„	18 „
„ 1st April „ to 15th April	„	„	„	7 „	„	„	16 „
„ 16th „ „ to 30th „	„	„	„	10 „	„	„	14 „
				4,566 lakhs.			3,784 lakhs.
				3,784 „			
Balance against India				782 lakhs.			

PUBLIC DEBT OFFICE,
BANK OF BENGAL;
Calcutta, the 2nd May 1882.

W. D. CRUICKSHANK,
Offg. Secretary and Treasurer.

Weekly Statement of Silver tendered, of Certificates issued, and Silver Balance in the Mint.

DATE.	SILVER TENDERED, ESTIMATED VALUE.	CERTIFICATES ISSUED ON		BALANCE OF BULLION		
		General Treasury.	Currency Department.	Under Assay.	Assayed.	Held on account of the Currency Department.
1882.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
April 24	...	...	285	3,05,259	58,88,596	27,21,590
" 25	2,29,100	...	17	5,34,343	57,88,541	27,21,606
" 26	...	...	3,07,098	2,43,247	60,49,616	30,12,702
" 27	...	...	...	2,43,247	60,34,597	30,12,702
" 28	...	...	..	2,43,247	62,62,440	30,12,702
" 29	...	...	646	2,42,610	62,36,843	30,13,339

CALCUTTA MINT,

The 1st May 1882.

J. F. TENNANT, *Col., R.E.,*

Mint Master.

CURRENCY NOTES.

The following Currency Notes of the Government of India are stated to have been lost, and payment of their value has been claimed by the persons whose names are placed against the numbers. Any other person having these Notes in his possession, or claiming a right to them, is warned to communicate at once with the undersigned :—

Calcutta Circle.

NOTES WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Notes.	Value.	Name of Claimant.
		Rs.	
19	... P 11—03439 ...	500	Wooma Churn Bose.
21	... O 97—30928 ...	100	Deb Kissen Paray.
23	... O 97—74418 ...	100	Messrs. Octavius Steel & Co.
24	... O 97—70967 ...	100	Esswar Das Ramsanahi.

CALCUTTA,

The 5th May 1882.

J. TAYLOR,

Asst. Comptlr. Genl., Paper Currency.

Kurrachee Circle.

NOTES PARTIALLY LOST OR DESTROYED.

No. of Notes.	Value.	Name of Claimant.
	Rs.	
G 14—90998 } * " —91004 }	10	Haji Jan Mahomed, Merchant, Sukkur.

* Mismatched.

KURRACHEE,

The 22nd April 1882.

W. PATTON,

Asst. Depy. Commr., P. C., S. C.

Madras Circle.

NOTES WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Notes.	Value.	Name of Claimant.
		Rs.	
2	... B 68—41261 ...	100	Disbursing Post Master, Mangalore.
3	... B 71—08780 ...	100	Mr F. Fitzpatrick, Inspector of Police, B Division, Madras.

FORT SAINT GEORGE,

The 24th April 1882.

H. S. GROVES,

Assistant Accountant General, in charge of Paper Currency Dept., for Commissioner.

POST OFFICE.

NOTIFICATIONS.

Simla, the 24th April 1882.

Commencing with the steamers leaving—

London	...	...	May 24
Brindisi	...	...	June 5
Calcutta	...	...	June 17
Madras	...	...	June 20
Bombay	...	...	June 16
Sydney	...	...	May 31
Shanghai	...	...	June 3

the vessels of the Peninsular and Oriental Steam Navigation Company touching at Ceylon will substitute Colombo for Galle as a port of call.

2. The general arrangements for the despatch of mails to Ceylon by P. and O. Steamer will not be affected by this change.

L. G. WAIT,

Asst. Dir. Genl. of the Post Office of India, Foreign Post Branch.

Calcutta, the 5th May 1882.

SEA AND FOREIGN MAILS.

For	Box closes at	Date.	Per Steamer
		1882.	
Persian Gulf	7 P. M.	13th May	From Bombay.
Madras, Ceylon and the Intermediate Ports . .	7 "	11th "	Str. *Culna.*
Foreign Mails *vid* Bombay .	7 "	9th "	From Bombay.*
Do. Book Post and Pattern Packets	7 "	8th "	From Bombay.
Rangoon, Moulmein, and Straits .	7 "	11th "	Str. *Simla.*
Persian Gulf	7 "	6th "	From Bombay.
Chittagong, Akyab, Kyouk Phyoo, and Rangoon	7 "	11th "	Str. *Arabia.*
Straits and Hong-Kong . .	7 "	17th "	Strs. *Japan* and *Lennox.*
Port Blair and Camorta . .	7 "	11th "	Str. *Maharani.*

* Also for Cape Town and Natal *vid* England; also *vid* Aden for Mahé (Seychelles), Mauritius and Réunion can be forwarded by this opportunity

N.B—The Letter Box will close at 7 P. M. precisely; after which hour foreign letters, fully prepaid and bearing an extra postage stamp of four (4) annas on each cover, will be received up to 7-30 P. M.

List of Unclaimed Letters lying in the Calcutta Post Office on the 30th April 1882.

Abrey, R.
Anderson, Mrs. M.
Anthony, G.
Beadle, Mrs C.
Beaver, Captain J. P.
Bidwell, H. S.
Bolst, H. H.
Carmichael, James.
Connors, Miss.
Cowell, J. H.
Cowan, W.
Day, C. H.
Denkin, S.
Dundas, P.
Editor of "Leisure Hours."
Engineer in Chief, Sindia State Railway.
Ewin, Mrs. C.
Ferguson, Mrs E.
Grant, James.
Hardy, Mrs. A. F.
Hasell, W.
Holquette, E. W.
Hutchison, A.
Jones, F. R.
Kelly, Miss.
Lenyadoo, Mrs. A. J.
Malchus, G.
Mathews, F. D.
Miller, G.
Murphy, F H.
Murray, C. S.
Newton, W.
Paster, G.
Pavey, Mr.
Payne, E. W.
Pitcher, Miss N. E.
Regan, H. H.
Richards, A.
Riscou, A.
Roberts, Mrs. A.
Roberts, P. W.
Sandilands, P. A.
Sarkies, J. M.
Smile, S.
Sultana, W. L.
Thompson, A. W.
Vicharlar, G.
White, G.
Williamson, E.
Wood, Major N. J.
Wood, P. F.

Letters marked "Care of Post Office, to be kept till called for"

Antonio, D.	Jacky, Monsieur R.	Pinglay, A. B
Beamki, Sijnore G. P.	James, E	Pollock, W. N.
Bercavetz, Abraham.	Johnston and Hoffman, Messrs.	Radcliffe, Vernon B.
Berrill, G. F	Johnston, R T.	Raymond, Miss.
Bockuran, Mrs. C.	Jones, H. R.	Rex, Miss.
Boswell, W. A.	Jones Thos	Rhodes, D.
Bradley, O. W.	Jox, Henry	Richards, G. O.
C B. A.	Kanel Lall Seal.	Robinson, William.
Cahill, James.	Kegel, F. G. M.	Russell, V. E.
Carter, R.	Kendall, Miss Sophia.	Saunders, Geo.
Constantine, George.	Kennedy, R. H.	S B. & o.
Cooper, Frank	Kenne , C. A.	Scarth, M.
Cumine, Miss	Lamoe t Dr. E.	Schaun, R.
Curlander, Solomon.	Lynam, J	Sevastopulo, N. E.
Curle, R B.	Macnab, Henry.	Sheels H. J.
Davis, James.	Maitland, P	Smith, H Gordon.
Dicken, Major P. L.	Malabari, B. M.	Span, J. M
Downes, H	Manager, Central Bengal Medical Hall.	Stephens, Arthur.
Dun, E. W.	Mason, —.	Stratford, James.
Eastwood, E. P.	Maston, B.	Strongs, W. S.
E. D P. O.	Mavor, H	Stuart, William.
Fernandez, M. G.	McCormack, T.	Thornhill, H B.
Fergusson, Major.	Mc ell, P.	Thomas, W H.
Fitch, R A.	McVey, Hugh.	Vincent, J
Gheenburge, M. M.	Mercer, C. G.	Waldron, Lt. H. F.
G. L.	Michie, A	Warnier, M.
Gunther, J.	Munro, W.	Watts, G.
Hankivez, C.	Nazir, C S.	West, D K.
Hansen, W. T.	Newton, Miss.	Wilson, Mrs. C M.
Hare, Mrs.	Nicholson, G.	Williams, W.
Harry, Thomas.	Norton, J. B.	W J H
Healy, Captain F.	Orinstein, Signiori Scapria.	Wright, Mrs. H.
Hearne, T		X. Y. Z.
Holme, A R		
Houlder, John.		
Hudson, William.		

Registered Letters.

Bradley, O. W.	Grueber, Miss G. M.	Tritsch, F. J.
Curry & Co., C. F.	Roberts H	Weben, Martha.
"B. D."	Thomas & Co., E. H. C.	

S. HUTTON
Presidency Post Master.

NOTICE.

Waste Lands available for Planters in the Tavoy District.

Waste lands, covered at present with forest, bamboos or grass, are available for plantations of coffee, tea, cinchona, or spices at altitudes varying from 100 feet to 6,800 feet above the sea in the Tavoy district. This region is between the 13th and 14th parallels of north latitude, and the rainfall ranges from 190 to 220 inches a year. The lands are mostly within 30 to 50 miles of the steamer station of Thayetchoung on the Tavoy river. Mail steamers ply between Thayetchoung and Moulmein or Rangoon once a week inwards and outwards.

II.—Grants of land in lots ranging from 100 to 1,200 acres can be had for planting tea, coffee, cinchona, or spices on application to the Deputy Commissioner of Tavoy. Such grants will be made in accordance with the "Burma Land and Revenue Act, 1876," and with the rules sanctioned thereunder by the Governor General of India in Council. Copies of the Act and rules can be obtained by intending planters on application to the Deputy Commissioner of Tavoy, the Commissioner of Tenasserim at Moulmein, or the Secretariat, Rangoon.

III.—In addition to the concessions and conditions laid down in the Act and rules, the following special concessions will be made to persons taking up land for plantations of coffee, tea, cinchona, or spices in Tavoy, namely,—

(1) A grantee must bring under cultivation one-third of his grant within 12 years from the date of his obtaining the grant. If, after the expiration of 12 years, any surplus uncultivated land, in excess of two acres of waste for each acre of cultivated land, shall remain on the grant, such surplus waste shall then revert to Government; and the grantee shall have no further claim or right in the surplus which has so reverted.

(2) A grantee will not be liable to pay any land revenue or any price for the land of his grant until the end of the tenth year after he enters on possession, provided that he takes *bonâ fide* steps to cultivate a reasonable proportion of the grant with coffee, tea, cinchona, or spices. In the event of any grantee desiring a more precise definition of a "reasonable proportion," the Chief Commissioner may decide beforehand in each case what proportion of the grant ought to be thus cultivated in each year.

(3) After the end of the tenth year the grantee will be liable to pay land revenue at the rate of Rs. 1-4-0 per acre and cesses at the rate of two annas per acre on one-third of his grant up to the year 1900 A. D.; after the expiration of such year he will be liable to pay for one-third of his grant the same revenue rate as is paid for garden lands in the nearest revenue circle where a garden rate obtains.

(4) A grantee will not be called upon to pay anything for timber, bamboos, or grass which he may cut upon his grant, provided he takes *bonâ fide* steps as aforesaid to cultivate coffee, tea, cinchona, or spices.

IV.—The only payment which a grantee will have to make on receiving his grant will be eight annas an acre for the cost of survey and demarcation. In consideration of such payment the Deputy Commissioner will cause a survey to be made of the grant, will furnish the grantee with a copy of such survey, and will cause boundary marks to be erected at suitable points in the outer boundary of the grant.

V.—The wishes of applicants will be met as far as possible in regard to the situation and shape of their grants. But ordinarily—

(*a*) no grant will be given where the Forest Department intend to make a forest reserve;

(*b*) no grant will be given on such a place as will unduly circumscribe the extension of cultivation of the grazing grounds of any neighbouring village or hamlet;

(*c*) grants facing a road or navigable stream will have to be of a depth double the length facing such road or navigable stream;

(*d*) small strips will be reserved leading to landing places for the benefit of neighbouring villages and grantees.

VI.—The Government is now spending much larger sums than heretofore on roads in the Tavoy district. If planters settle in the district, further funds will be allotted for roads from their neighbourhood to the steamer station at either Tavoy or Thayetchoung.

VII.—In order to encourage pioneers in the coffee and cinchona enterprise in Tavoy, the Government will pay to the first four grantees who begin *bonâ fide* planting operations Rs. 15 per head for every Indian or Chinese coolie, male or female, over 16 years of age, who may be settled and housed on their plantations before the 1st March 1885.

VIII.—In any case of doubt regarding the *bonâ fide* character of operations for the purposes of concessions III and VII, the Deputy Commissioner will decide, and his decision will be subject to appeal to the Commissioner of Tenasserim, whose decision will be final.

IX.—All minerals and metals under and within the lands granted under these rules are reserved by Government, together with a right to enter upon and resume such portion of land as may be necessary for examining or working mines upon payment of just compensation to the grantee for loss of, or injury done to, the surface.

G. D. BURGESS,
Secy. to the Chief Commr., British Burma.

The 6th April 1882.

GOVERNMENT CINCHONA FEBRIFUGE.

This preparation is an efficient substitute for Quinine and can be purchased by Government officers for public and charitable purposes, and by any one taking *twenty pounds* at a time, from the Superintendent, Botanical Garden, Calcutta, *for cash only*, at the following rates:—per four ounce tin, *Rs. 4-8*; per eight ounce tin, *Rs. 8-8*; per pound tin, *Rs. 16-8*. The general public can be supplied by the Superintendent, Botanical Garden, *for cash only*, at the under-noted rates:—per four ounce tin *Rs. 5-8*; per eight ounce tin *Rs. 10-8*; per pound tin, *Rs. 20*. This medicine is also sold by the principal European and Native druggists in Calcutta. Postage 8 annas per four and eight ounce tins, and 12 annas per pound tin, in addition to the foregoing rates.

گورنمنٹ سنکونا فبري فيوج

يهه دوا کوئينائين کا خوب قائم مقام هی اور کلکته ے بوٹانکل گارڈن يعنے کمپني باغ ے سپرنٹنڈنٹ صاحب سے هرايک ملازم سرکاري واسطے سرکاري کام اور خيرات ے اور سيواے اوںکے جو کوئي ايک مشت بيس پونڈ خريد ليے سے بقيمت نقد حسب نرخ ديل خريد کرسکتے هين يعنے نرخ چار اونس ے ٹين کا چار روپيه آٹهه آنه ; آٹهه اونس ے ٹين کا آٹهه روپيه چهه آنه ; ايک پونڈ ے ٹين کا سوله روپيه آٹهه آنه

اور عوام الناس بوٹانکل گارڈن يعنے کمپني باغ ے سپرنٹنڈنٹ صاحب سے بقيمت نقد حسب نرخ ديل خريد کرسکتے هين يعنے نرخ چار اونس ٹين کا پانچ روپيه آٹهه آنه ; آٹهه اونس ے ٹين کا دس روپيه آٹهه آنه ; ايک پونڈ ے ٹين کا بيس روپيه

يهه دوا کلکته ے بڑے بڑے ولايتي اور ديسي دواخانوںمين بکتي هی ماسيواے قيمت مذکورۂ بالا ے محصول ڈاک چار اور آٹهه اونس ے ٹين کا آٹهه آنه ; اور ايک پونڈ ے ٹين کا بارہ آنه

Meteorological Publications for Sale.

The following publications of the Meteorological Office of the Government of India are on sale and can be procured at the Meteorological Office, No. 4, Middleton Row, or either at Messrs. Thacker, Spink & Co., or at Messrs. Brown & Co., at the prices noted against them:—

	Rs.	A.	P.
Report on the Meteorology of India, in 1875, 4to., 89 pages text, 297 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India, in 1876, 4to., 97 pages text, 340 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India in 1877, 4to., 173 pages text, 375 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India, in 1878, 4to., 149 pages text, 380 pages tables, 3 plates, 4 charts ...	8	0	0
Indian Meteorological Memoirs, Vol. I, Part I, 4to., 118 pages, 9 plates	2	8	0
Indian Meteorological Memoirs, Vol. I, Part II, 4to., 63 pages, 4 plates	1	8	0
Indian Meteorological Memoirs, Vol. I, Part III, 4to., 86 pages, 2 plates	1	8	0
Indian Meteorological Memoirs, Vol. I, Part IV, 4to., 62 pages, 8 plates	1	8	0
Rainfall Chart of India, showing the average annual distribution of rainfall (in colors)	1	0	0
Report on the Vizagapatam and Backergunge Cyclones, October 1876, 4to., 87 pages, 4 plates ...	2	0	0
Report on the Madras Cyclone, May 1877, 4to., 117 pages text, 97 pages tables, 5 plates ...	2	8	0

HENRY F. BLANFORD,
Meteorological Reporter to Government of India.

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THE GOVERNMENT BOOK DEPOT, ALLAHABAD.

Orders and Subscriptions for 1878 should be at once remitted.

THE BENGAL LAW REPORTS.

A few sets of the Bengal Law Reports (Volumes 1 to 15) are available at Messrs. Thacker, Spink & Co., Calcutta, at Rs. 375 a set.

List of Books for sale at the Library of the Asiatic Society of Bengal,

NO. 57, PARK STREET, CALCUTTA,

AND OBTAINABLE FROM THE SOCIETY'S LONDON AGENTS, MESSRS. TRÜBNER & CO., 57 AND 59, LUDGATE HILL, LONDON, E. C.

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	Rs.	A.
Beale's Oriental Biographical Dictionary, pages 291, 4to, thick paper, at Rs. 4-12, thin paper	4	8

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(3) Distinguishing entrance to Umhloti River.
" 21. Buoys off Karwar Harbour (Sadashigar).
" 22. (1) Alterations in Lights at St. Paul and St. Denis, Réunion Island.
(2) Harbour Light at St. Pierre.
" 23. Buoys off Kárwar Harbour (Sadashigar).
" 24. Buoys and Beacons, Zanzibar Harbour.
" 25. Alteration of False Point Light—Coast of Orissa.
" 26. Red Buoy marking smooth-water anchorage off Porcaud, Alleppey.
" 27. Change in the Anchorge Limits of the Port of Madras.
" 28. Intended discontinuance of Light at El-weg (Sherm Wej-h), Red Sea.
" 29. Interval of intended exhibition of blue Lights and Rockets at False Point Light-house.
" 30. Replacing of the buoys at the entrance to Cochin Harbour and extinguishing of Narrakel Light.
" 31. Range of visibility of the Light exhibited from Krishna Shoal Light-vessel.
" 32. Light at Batticaloa.
" 33. Black buoys laid down in Calicut Roadstead to mark the limits of foul ground.
" 34. Light at Batticaloa.
" 35. Replacing of the buoys off Karwar Harbour (Sadashigar)
" 36 Telegraph buoy, south of Aden.
" 37. Black buoy off Point Gordeware (Godavery).
" 38. Light at Batticaloa.
" 39. Exhibition of a leading Light in Suez Bay.
" 40. Madras Semaphore.
" 41. Black buoy off Point Gordeware (Godavery).
" 42. Madras Semaphore.
" 43. Buoys at Calicut.

Notices to Mariners issued during the year 1880—

No. 1. Prohibited anchorage near the telegraph cables in Zanzibar Harbour.
" 2. Discontinuance of Maroon Lights at Krishna Shoal Light-vessel.
" 3. Exhibition of the new fixed Light at False Points.
" 4. Extension of the period of exhibition of the "Intermediate" Light at the entrance to the Hooghly River.
" 5. Alterations in the position and visibility of the Light exhibited from Port Canning, Singapore.
" 6. Alteration of position and elevation of the red Light at Cannanore.
" 7. Discontinuance of the exhibition of Maroons from the Light-vessels of the Hooghly River.
" 8. Fixed Light at Tolkeshwar, Dadhol or Anjanvel.
" 9. Lights at Port Ibrahim, Suez.
" 10. Changes in the buoyage of the port, Madras.
" 11. Intended alteration of Kenery (Kundari) Island Light.
" 12. Flashing Light on Flat Cape, Sunda Strait.
" 13. Destruction of First Point Light house, Java.
" 14. Harbour Light at Belilling, Baly Island.
" 15. Position of Gwalia Reef, Carimata Strait.
" 16. Position of Parkin Rock. Hanish Islands, Red Sea.
" 17. Shoal south-west of Barren Islands, west coast of Madagascar.
" 18. Intended alteration in Light apparatus at Calicut.
" 19. Lights at Port Ibrahim, Suez (additional information).
" 20. Intermittent flashing Light on Pulo Undan, Malacca Strait.

Notices to Mariners issued during the year 1881—

No. 1. Light regulations for Pilot Brigs, River Hooghly.
„ 2. Rules for regulating the entry and departure of vessels using Madras Harbour.
„ 3. Re-exhibition of Light on First Point, Java.
„ 4. Light at Tagal, Java.
„ 5. Beac n on Borongo Island, Akyab.
„ 6. Discontinuance of Armeghon light and intended change of colour of Pulicat Light.
„ 7. Tidal semaphore at entrance to Chittagong River.
„ 8. Alteration of colour of Light at Ratnagiri.
„ 9. Red Light on Colombo breakwater.
„ 10. Red buoy off Godavery Point, Cocanada.
„ 11. Alterations to Lights at Paumben and Tellicherry.
„ 12. Particulars of Light at First Point, Java
„ 13. Alteration in character of Light at Flat Cape, Sumatra.
„ 14. Removal of north buoy, Madras Harbour.
„ 15. Range of visibility of the light at Paumben.
„ 16. Beacons for clearing the south-west Prong, Bombay Harbour.
„ 17. Lights at Zanzibar.
„ 18. Gas buoy at entrance to Port Said, Suez Canal.
„ 19. Revolving light at Armeghon.
„ 20. Beacon on Tucker's patch, Bombay Harbour.
„ 21. Fixed Light at Pulicat.
„ 22. Fixed Light at Ratnagiri.
„ 23. Occasional observation of light at False Point.
„ 24. Breaking adrift of Kárwar rock buoy, Kárwar or Sadashivgad.
„ 25. Date of exhibition of permanent white Light at Calicut.
„ 26. Alteration of colour of Katubdea Light house, Chittagong coast
„ 27. Exhibition of red and green Lights at Pondicherry.
„ 28. New beacon on Kal ah-kebirah Shoal, Gulf of Suez.
„ 29. Reported coral reef off Batticaloa.
„ 30. Revised rules for vessels using Madras Harbour.
„ 31. Wreck buoy to mark wreck of Mariana, Madras Coast.
„ 32. Removal of the Red Buoy off the head of the South Harbour Pier, Madras.
„ 33. Temporary exhibition of a small dioptric Light at the Eastern Grove Light-house, at the entrance to the Rangoon River.
„ 34. Reported incorrect position of Crocodile Rock, Cadiapatam or Muttum Point.
„ 35. Replacing of Kárwar Rock buoy, Kárwar or Sadashivgad.
„ 36. Date of re-exhibition of the permanent Light at Eastern Grove, at the entrance to the Rangoon River.
„ 37. Position of the anchorage buoy at Beypore.
„ 38 Buoys laid down to mark the entrance to the Madras Harbour.
„ 39. Wreck in Negapatam Roadstead.
„ 40 Revolving Light to be exhibited from a Light vessel to be anchored off the Formosa Bank, Malacca Strait.

Notices to Mariners issued during the year 1882—

No 1. Fixed Red Light exhibited from Fort Point, Georgetown, Penang, or Prince of Wales' Island.
„ 2 System of Buoyage in Indian Waters.
„ 3. Mark for clearing the southern end of Point Pedro Shoals, north-east coast of Ceylon.
„ 4. Position of Wreck in Negapatam Roadstead.
„ 5. Light-house building on sunk rock, Bombay Harbour.
„ 6. Dangerous rock off Modeshwur Cape, Canara Coast.
„ 7. Fishing stakes in the approaches to Bombay Harbour.
„ 8. Erection of a pillar to mark the southern boundary of the port of Beypore.
„ 9 Changes in the bar at the entrance to the Chittagong River.
„ 10. Position of the Pilot's Ridge Light-vessel in the approaches to the Hooghly River.
„ 11. Exhibition of a fixed light on Dennis island, Seychelle islands.
„ 12. New Eddystone Lighthouse.

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The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, MAY 6, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART III.

Advertisements and Notices by Private Individuals and Corporations.

UNCOVENANTED SERVICE FAMILY PENSION FUND.

Abstract Statement of the Uncovenanted Service Family Pension Fund for the 1st quarter ending 31st July 1881, compared with the corresponding quarter of the year 1880.

Particulars.	For the 1st quarter ending 31st July 1881.	For the 1st quarter ending 31st July 1880.	Increase.	Decrease.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Balance at credit of the Fund on the Government books at the end of the previous quarter	73,95,975 13 0	69,41,443 13 9	4,54,531 15 3	...
Add Receipts –				
Subscriptions from May to July in the Widows' Fund	1,12,982 15 9	1,10,156 10 4	2,826 5 5	...
Ditto ditto Children's Fund ...	75,139 3 9	73,750 0 9	1,389 3 0	...
Entrance fees, &c., ditto ...	460 14 6	410 13 9	50 0 9	...
Amount transferred from Widows' Fund to Divisible Surplus ...	74,814 0 0	80,929 0 0	...	6,115 0 0
Ditto Children's Fund to ditto ..	42,787 0 0	42,807 0 0	...	20 0 0
Amount re-transferred from Reserve Fund to Widows' Fund ...	19,713 0 0	5,29,010 0 0	..	5,09,297 0 0*
Ditto Children's Fund to ditto ...	39,543 0 0	3,60,187 0 0	...	3,20,644 0 0*
Total Receipts ...	3,65,440 2 0	11,97,250 8 10	4,265 9 2	8,36,076 0 0
GRAND TOTAL ...	77,61,415 15 0	81,38,694 6 7	4,58,797 8 5	8,36,076 0 0
Deduct Payments—				
Pensions paid to incumbents in the Widows' Fund	75,001 2 9	69,156 3 6	5,844 15 3	.. ...
Ditto ditto Children's Fund	53,050 13 8	51,958 2 4	1,092 11 4	... ..
Cash of Establishment, including house-rent and contingencies ...	19,507 1 5	19,870 2 9	... ..	363 1 4
Interest on Divisible Surplus passed to subscribers of over and above five years' standing (Widows' Fund)	72,923 4 0	85,125 3 0	.....	12,201 15 0
Interest on Divisible Surplus passed to subscribers of over and above five years' standing (Children's Fund)	42,708 12 0	47,777 10 0	.....	5,068 14 0
Amount transferred from Widows' Fund to Divisible Surplus... ...	74,814 0 0	33,929 0 0	40,885 0 0	.....
Ditto Children's Fund to ditto	42,787 0 0	20,807 0 0	21,980 0 0	.....
Amount re-transferred from Reserve Fund to Widows' Fund	19,713 0 0	5 76,010 0 0	.....	5,56,297 0 0*
Ditto ditto to Children's Fund ...	39 543 0 0	3,87,187 0 0	... ..	3,42,644 0 0*
Total Payments ...	4,40,048 1 10	12,86,820 5 7	69,802 10 7	9,16,574 14 4
Net balance in favour of the Fund, exclusive of Interest upon Capital	73,21,367 13 2	68,51,874 1 0A	3,88,994 13 10	80,498 14 4
Proportion of Interest on Reserve Fund payable to Subscribers ..	28,908 0 0	33,282 12 0	.....	4,374 12 0

	Widows' Fund.	Children's Fund.	Widows' Fund.	Children's Fund.	Widows' Fund.	Children's Fund.	Widows' Fund.	Children's Fund.
Number of Subscribers	1,464	986	1,443	955	21	11	...	...
Ditto of Incumbents	357	546	335	541	22	5	...	...
Ditto of Subscribers sharing interest on Reserve Fund	932	634	864	590	68	44	...	...

* Due to adjustments made in 1879-80 to bring the surplus on the books in accord with the Actuary's valuations—*vide* paragraph 5 of report fo 1878-79.

	Rs. A. P.
A—Net increase	4,69,493 12 2

G. W. Macleod, *Accountant.*

H. Ronaldson, James Bell, } *Auditors.*

Published by order of the Directors,

W. H. Ryland,
Secretary,
Uncovenanted Service Family Pension Fund.

Fund Office,
The 20th April 1882.

SUPPLEMENT TO

The Gazette of India.

Nº 18.} CALCUTTA, SATURDAY, MAY 6, 1882.

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GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION BRANCH.

IRRIGATION OPERATIONS OF THE NORTH-WESTERN PROVINCES FOR THE KHARIF SEASON 1881-82.

No. 454I., dated Allahabad, the 1st March 1882.

RESOLUTION—By the Government, North-Western Provinces and Oudh.

Read—

Statements A, B and C-14 for kharíf, 1881-82.

OBSERVATIONS.—The kharíf season of the year 1881 was characterised by moderate and seasonable rains through June, July and August, when water is in greatest request for kharíf grain crops, and by a scanty fall in September. Thus the season differed in character from that of the preceding year, when the almost entire cessation of rain during August and the first half of September caused a great deal of canal-water to be taken for the grain crops.

In spite, however, of the season of 1880 being apparently more favourable to canal-irrigation than that of 1881, there is a slight increase on the latter: the total area of 1881 being 706,025 acres against 700,139 in 1880.

The differences of the two seasons are, however, at once apparent in the details of the irrigation given below, which show the increase of cotton and indigo at the expense of food-crops—

	1880-81.	1881-82.
Sugarcane . . .	135,292	164,569
Food-grains . . .	277,317	135,159
Dyes, fibres and others . .	287,530	406,297
TOTAL .	700,139	706,025

The above table indicates how readily the irrigation now adapts itself to the wants of the season, and what a permanent hold it has taken of the agriculture of the canal-irrigated districts.

2. The following statement shows in detail the areas of the principal crops irrigated during the last four years :—

	1878.	1879.	1880.	1881.
Sugarcane	147,661	165,661	135,292	164,569
Rice	79,257	75,903	135,570	101,755
Bajra and juar	12,079	6,635	43,266	4,141
Maize	65,818	17,265	89,274	22,376
Other food-grains	19,326	12,535	9,207	6,887
Fodder crops	17,155	5,996	7,924	4,554
Fibres	74,532	59,580	63,680	63,247
Dyes	228,284	185,195	194,983	319,992
Miscellaneous	15,914	26,871	20,943	18,504
TOTAL	660,026	555,641	700,139	706,025

Sugar, following probably the fluctuations of the market, has risen again to the area of 1879. There was a decrease in rice everywhere except in the Northern Division of the Ganges Canal and on the Eastern Jumna Canal, where it is a firmly established staple crop. There was a decrease also on the Rohilkhand Canals, but the large area irrigated on the latter canals in 1880 was quite exceptional. The decrease in food-grains has already been commented on. The area of cotton for the two years was nearly the same. Dyes increased by 125,009 acres, which is 64 per cent. of the area of 1880. Of this increase, however, 36,707* acres was due to the spread of irrigation on the Lower Ganges and Agra Canals. At the same time there was a very large increase in the Anúpshahr, Bulandshahr, and Aligarh Divisions of the Ganges, and in the Cawnpore and Etáwah Divisions of the Lower Ganges Canals, so that the aggregate area is very much in excess of the highest area hitherto recorded.

* Lower Ganges Canal	21,890
Agra Canal	14,817

3. The following compares the areas of the two years 1880 and 1881 by canals :—

	1880.	1881.	More.	Less.
Upper Ganges	305,554	296,554	...	9,000
Lower Ganges	183,974	204,572	20,598	...
Agra	36,027	56,497	20,470	...
Eastern Jumna	107,454	104,197	...	3,257
Rohilkhand	57,644	35,922	...	21,722
Dún	6,441	5,315	...	1,126
Bijnor	2,808	2,894	86	...
Hamírpur Lakes	180	45	...	135
Jhánsi	57	29	...	28
TOTAL	700,139	706,025	41,154	35,268

On the Upper Ganges Canal the increase was in indigo, which was more than double the area of the preceding years, and the decrease was chiefly in food-grains; but there was a decrease of 5,000 acres in cotton also, due doubtless to the difference in the two seasons.

The increase in the Lower Ganges Canal was due entirely to the new Divisions, as shown in the margin.* The Bhognipur Division shows 21,266 acres as its first kharíf irrigation, and of this 16,794 acres is indigo,—a crop which is sure to maintain its area.

* New divisions	+ 37,810
Old ditto	— 17,212
NET	+ 20,598

The following gives further details of the areas for the two years on the newly opened lines of the Lower Ganges Canal :—

	1880.	1881.
Sugarcane	2,739	6,652
Indigo	13,171	51,855
Cotton	1,220	250
Others	11,587	7,770

The large proportion of sugarcane and indigo during 1881 is an encouraging sign of the future of this canal.

There is an increase of 20,470 acres on the Agra Canal. This, again, has been in the more valuable crops, as shown below :—

	1880-81.	1881-82.
Sugarcane . . .	1,063	2,148
Cotton, &c. . . .	16,546	27,665
Indigo . . .	7,865	22,682
Others . . .	10,553	4,002

There is, however, no rice irrigation at present.

In the Rohilkhand Canals the decrease was wholly in sugarcane and rice, which indeed absorb 98 per cent. of the irrigation. The irrigation in Rohilkhand is materially affected by the season and by the supply of water in the streams. In 1880 there was a scarcity of rain on the plains, while there was a good supply of water in the hill streams. In 1881 the rainfall in the plains was more seasonable, and so less irrigation was done.

The decrease in the Dún irrigation was in sugarcane, and was due to the same cause.

4. The following statement compares the assessment on account of occupiers' rates for the last four years :—

Canal.	1878-79	1879-80.	1880-81.	1881-82.
	Rs	Rs.	Rs.	Rs.
Upper Ganges	13,18,842	12,01,470	9,09,785	9,69,853
Lower Ganges	..	31,072	4,15,906	4,92,948
Agra	1,23,138	69,478	98,055	1,68,898
Eastern Jumna	3,84,001	3,99,739	3,99,757	4,29,219
Rohilkhand	19,053	20,106	46,857	33,527
Dún	11,097	19 219	17,115	15,752
Bijnor	...	1,146	4,781	5,378
Bundelkhand	309	469	479	131
TOTAL .	18,56,440	17,42,699	18,92,735	21,15,706

The rate per acre is close to Rs. 3, which is higher than the rate of any other year except that of 1879, when the rate was Rs. 3·14. The slightly lower rate of 1881 is due to the very large proportion of indigo. As the irrigation on the new canals increases, the higher rates assessed on this irrigation will begin to tell.

ORDERED, that copies of this Resolution be submitted to the Government of India for information; that it be circulated as usual to other Governments and Departments; and that it be published in the *Government Gazette*.

By Order, &c.,

J. G. FORBES, *Lieut.-Colonel, R.E.*,

Joint-Secy. to Govt., N.-W. P. and Oudh, P. W. D.,

Irrigation Branch.

No. A-14.—KHARIF STATEMENT.

IRRIGATION OPERATIONS OF THE KHARIF SEASON 1881-82.

Comparative Abstract of Irrigation and Rainfall in Canal Districts of the N.-W. Provinces.

Districts.	Area in acres.	Cultivated acres.	Area irrigated.		1881-82 as compared with 1880-81.		Rainfall in Kharif months.												Total.	
			Kharif 1881-82.	Kharif 1880-81.	Increase.	Decrease.	April.		May.		June.		July.		August.		September.			
							1881.	1880.	1881.	1880.	1881.	1880.	1881.	1880.	1881.	1880.	1881.	1880.	1881.	1880.
Saharanpur	1,418,880	805,120	52,473	50,850	1,623	...	·1	...	1·0	1·0	4·7	6·3	11·6	15·8	7·8	1·2	1·1	10·2	26·3	34·5
Muzaffarnugger	1,061,989	699,622	76,931	73,118	3,813	...	·2	...	·3	1·1	2·0	5·6	9·0	10·6	10·1	2·1	...	19·8	21·6	39·2
Meerut	1,510,664	1,071,493	113,339	125,862	...	12,523	·8	...	...	..	·9	6·2	8·5	15·5	16·8	1·6	...	16·8	27·0	40·1
Bulandshahr	1,222,400	857,520	78,037	79,098	...	1,061	...	...	·1	·3	2·4	7·5	9·8	11·2	6·7	·6	·3	2·0	19·3	21·6
Aligarh	1,256,775	919,880	57,222	58,836	...	1,614	...	·1	·4	...	2·5	·4	10·1	7·3	12·0	·1	·3	5·2	25·3	13·1
Muttra	1,031,538	827,843	26,831	16,539	10,292	...	·2	...	·2	·3	1·8	..	12·4	4·5	12·3	1·4	1·6	13·0	28·5	19·2
Agra	1,220,819	873,976	15,615	10,617	4,998	...	...	...	...	·5	1·5	...	18·7	7·9	16·1	·7	...	2·3	36·3	11·4
Etah	967,680	620,800	36,029	33,358	2,671	...	...	...	·2	·8	4·5	·7	13·0	4·9	14·9	2·6	·7	6·5	33·3	15·5
Mainpuri	1,085,626	607,409	49,451	42,634	6,817	...	...	...	·4	·4	4·0	·1	17·8	8·6	20·3	1·6	·2	3·6	42·7	14·3
Farukhabad	1,116,633	687,361	21,493	19,552	1,941	...	...	...	1·1	1·6	4·1	1·5	8·0	8·1	11·9	·5	·3	3·0	25·4	14·7
Etawa	1,274,240	563,200	58,117	48,080	10,037	...	...	..	...	...	1·8	3·4	11·4	5·7	16·3	1·5	...	·6	29·5	11·2
Cawnpur	1,495,576	865,065	61,381	64,518	...	3,137	...	...	1·5	1·0	5·5	·1	12·4	3·5	17·3	1·5	·4	·6	37·1	6·7
Delhi	817,220	532,480	26	422	...	396	·2	...	·1	·2	2·2	1·3	11·5	7·5	8·8	2·8	·6	8·4	23·4	26·2
Gurgaon	1,267,200	967,680	14,875	9,814	5,061	...	·1	...	·4	...	1·3	1·3	8·3	4·7	9·5	3·6	...	3·7	19·6	13·3
Dehra Dun	653,271	82,248	5,315	6,152	...	837	·4	·5	1·6	1·9	11·9	9·1	24·5	28·4	27·7	12·6	14·5	11·9	80·6	64·4
Bijnor	1,217,886	663,135	2,894	2,808	86	.	...	...	1·9	·2	4·2	7·3	12·4	12·1	17·1	·1	1·3	12·4	36·9	32·1
Tarai	588,793	144,230	3,592	5,129	...	1,537	...	...	·3	2·5	8·6	7·8	15·6	9·1	13·4	2·9	5·0	8·8	42·9	31·1
Pilibhit	873,094	} 1,228,040	{ 6,379	9,055	...	2,676	...	...	...	1·3	1·4	4·9	13·9	21·6	5·1	..	3·2	12·3	23·6	40·1
Bareilly	1,037,416		25,951	43,460	...	17,509	...	·1	1·4	·9	9·0	2·7	12·4	9·1	11·0	5·1	·7	8·3	34·5	26·2
Jhansi	1,002,880	482,560	29	57	...	28	...	...	...	...	1·8	1·2	16·9	11·8	24·9	1·9	·3	3·8	43·9	18·7
Hamirpur	1,463,424	800,128	45	180	...	135	·1	...	·2	...	3·2	·6	11·6	6·9	11·2	1·9	1·0	·4	27·3	9·8
Total	23,594,064	14,317,790	706,025	700,139	47,339	41,453	...	...	...	...	...	...	...	...	...	...	...	...	...	...
				Net increase		... 5,886														

G. H. D. WALKER,

Asst. Secy. to Govt., N.-W. P., P. W. D., I. B.

No. B-14.—KHARIF STATEMENT.

IRRIGATION OPERATIONS OF THE KHARIF SEASON 1881-82.

Statement in acres of crops irrigated by districts.

Crops.	Saháranpur.	Muzaffarnagar.	Meerut.	Bulandshahr.	Aligarh.	Muttra.	Agra.	Etah.	Mainpuri.	Farukhabad.	Etáwah.	Cawnpore.	Delhi.	Gurgaon.	Dehra Dún.	Bijnor.	Tarái.	Pilibhít.	Bareilly.	Jhánsi.	Hamirpur.	Grand Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1. Gardens and orchards	1,009	600	1,232	1,090	679	245	706	800	964	368	753	1,060	2	88	274	1	3	23	303	5	27	10,232
2. Sugarcane	15,176	39,480	64,781	8,398	772	620	706	2,365	5,074	2,893	6,300	4,636	...	835	1,063	2,674	487	1,446	6,846	16	1	164,569
3. Cereals—Rice	32,312	24,079	10,696	279	480	2	9	295	649	218	1,004	1,141	...	...	3,853	180	3,102	4,909	18,523	8	16	101,755
Bajra	2	...	...	10	13	30	10	23	1	...	4	...	...	35	...	...	...	1	41	...	...	170
Juár	...	...	25	206	901	287	527	356	431	50	427	235	...	508	...	...	...	...	18	...	...	3,971
Maize	755	3,358	9,507	1,307	2,357	177	226	1,264	1,389	197	903	603	1	195	7	...	...	...	130	...	...	22,376
Miscellaneous	171	438	606	382	482	159	49	863	1,871	229	978	115	2	24	...	23	...	...	30	...	1	6,423
4. Pulses	51	259	63	11	...	28	8	...	6	...	...	...	...	35	...	3	...	...	...	...	...	464
5. Fodder crops	424	759	2,116	1,078	93	55	6	17	...	...	...	...	...	...	...	6	...	...	...	...	...	4,554
6. Fibres—Cotton	640	3,370	10,889	10,915	5,760	14,266	2,339	1,782	714	8	134	17	17	10,971	1	7	...	...	10	...	...	61,840
Other fibres	145	508	...	1	7	80	110	262	273	...	12	3	...	5	...	...	...	...	1	...	...	1,407
7. Dyes—Indigo	992	3,594	13,145	53,743	45,141	10,542	10,637	26,704	36,385	16,945	46,345	52,729	...	2,096	...	...	...	...	42	...	...	319,040
Other dyes	341	225	11	299	76	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	952
8. Drugs—Opium	...	...	...	...	...	...	...	...	1	1	...	2	...	...	...	...	...	...	...	...	...	4
Other drugs	206	58	76	63	15	3	2	25	36	60	6	8	..	1	117	...	...	...	7	...	...	683
9. Oil-seeds	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10. Miscellaneous*	249	203	192	255	446	337	280	1,273	1,657	524	1,251	832	4	82	...	...	...	...	...	...	...	7,585
Total, 1881-82	52,473	76,931	113,339	78,037	57,222	26,831	15,615	36,029	49,451	21,493	58,117	61,381	26	14,875	5,315	2,894	3,592	6,379	25,951	29	45	706,025
Total, 1880-81	50,850	73,118	125,862	79,098	58,836	16,539	10,617	33,358	42,634	19,552	48,080	64,518	422	9,814	6,152	2,808	5,129	9,055	43,460	57	180	700,139

* Watered once, and insufficiently watered.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P., P. W. D., I. B.

No. C-14.—KHARIF STATEMENT.

IRRIGATION OPERATIONS OF THE KHARIF SEASON 1881-82.

Statement in acres of crops irrigated in Canal Divisions.

Crops.	Ganges Canal.						Lower Ganges Canal.										Bundelkhand Irrigation Works.			
	Northern.	Anupshahr.	Meerut.	Bulandshahr.	Aligarh.	Total.	Narora.	Mainpuri.	Cawnpore.	Etawah.	Bhogaipur.	Total.	Eastern Jumna Canal.	Agra Canal.	Rohilkhand Canals.	Dun Canals.	Jhansi Lakes.	Hamirpur Lakes.	Bijnor Canals.	Grand Total.
1. Gardens and orchards	209	484	575	878	1,199	3,345	290	721	1,035	1,119	314	3,479	1,773	999	329	274	5	27	1	10,232
2. Sugarcane	22,395	22,677	36,303	7,388	1,853	90,616	948	3,565	5,733	7,661	2,139	20,046	39,226	2,148	8,779	1,063	16	1	2,674	164,569
3. Cereals—Rice	17,301	1,819	7,997	523	748	28,388	44	87	455	2,409	60	3,055	39,718	3	26,534	3,853	8	16	180	101,755
Bajra	1	15	...	8	24	48	...	...	...	4	...	4	1	75	42	...	...	...	...	170
Juár	...	...	...	124	1,419	1,543	75	104	142	673	133	1,127	...	1,283	18	...	...	...	...	3,971
Maize	189	410	3,771	1,310	3,414	9,094	230	249	725	1,478	586	3,268	9,302	575	130	7	...	...	...	22,376
Miscellaneous	136	307	410	512	641	2,026	265	943	317	1,980	30	3,535	576	232	30	...	...	1	23	6,423
4. Pulses	226	30	95	...	10	361	...	...	...	...	...	...	33	67	...	...	...	...	3	464
5. Fodder crops	182	625	1,545	1,088	7	3,447	...	...	...	...	...	...	1,040	61	...	...	...	...	6	4,554
6. Fibres—Cotton	...	2,315	4,210	10,717	9,175	26,417	51	66	12	367	133	629	7,306	27,470	10	1	...	...	7	61,840
Other fibres	635	...	...	...	19	654	225	176	2	125	11	539	18	195	1	...	...	...	...	1,407
7. Dyes—Indigo	...	20,487	5,884	41,578	60,659	128,608	9,484	25,577	45,249	66,288	16,794	163,392	4,316	22,682	42	...	...	...	..	319,040
Other dyes	566	...	...	386	...	952	...	...	...	...	...	...	...	...	...	...	...	...	...	952
8. Drugs—Opium	...	...	...	...	...	...	...	2	2	...	...	4	...	...	...	..	...	...	...	4
Other drugs	...	28	19	63	8	118	9	34	75	11	2	131	304	6	7	117	...	...	...	683
9. Oil-seeds	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10. Miscellaneous*	...	391	...	...	546	9 7	942	1,174	807	1,376	1,064	5,363	584	701	...	...	...	...	...	7,585
Total, 1881-82	41,840	49,588	60,809	64,595	79,722	296,554	12,563	32,698	54,554	83,491	21,266	204,572	104,197	56,497	35,922	5,315	29	45	2,894	706.025
Total, 1880-81	35,265	49,252	66,039	70.162	84,836	305,554	8,582	20,135	61,945	93,312	...	183.974	107,454	36,027	57,644	6,441	57	180	2,808	700,159

* Watered once, and insufficiently watered.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P., P. W. D., I. B.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

No. XII OF 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 26th March 1881. Total.	Receipts for week ending 26th March 1881. Per mile open.	Total mean length open.	Receipts for week ending 25th March 1882. Total.	Receipts for week ending 25th March 1882. Per mile open.	Total Receipts from 1st April 1880 to 26th March 1881. Total.	Total Receipts from 1st April 1880 to 26th March 1881. Per mile open per week.	Total Receipts from 1st April 1882 to 25th March 1882. Total.	Total Receipts from 1st April 1882 to 25th March 1882. Per mile open per week.	Total Increase in 1881-82.	Total Decrease in 1881-82.
	Guaranteed.		Rs.	Rs.		Rs.	Rs	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
8th April 1882	Eastern Bengal ...	176	59,666	339	172	79,245	460	43,41,465	488	51,59,734	585	8,18,269	...
1st ditto ...	Oudh and Rohilkhand	547	1,00,411	184	547	1,18,061	216	44,77,982	159	51,83,676	185	7,05,694	...
1st ditto ...	Sind, Punjab & Delhi	676	2,77,233	410	676	2,36,081	349	1,22,29,230	352	95,10,012	274	...	27,19,218
8th ditto ...	Madras ..	858	1,26,124	147	858	1,26,484	147	59,90,292	136	62,38,205	142	2,47,913	...
1st ditto ...	South Indian ...	655	70,629	108	655	80,307	123	35,68,354	108	36,43,195	109	74,841	...
8th ditto ...	Great Indian Peninsula	1,448	6,28,406	434	1,446	9,28,234	642	2,59,91,584	352	3,43,02,286	463	83,10,702	...
1st ditto ...	Bombay, Baroda and Central India ...	444	2,60 373	586	461	2,45,488	532	83,10,907	364	94,31,247	413	11,20,340	...
	TOTAL ...	4,804	15,22,842	317	4,815	18,13,900	377	6,49,09,814	265	7,34,68,355	299	85,58,541	..
	State.												
8th April 1882	East Indian. ...	1,507	8,60,398	571	1,507	10,26,221	681	4,23,14,170	546	4,62,38,208	599	39,24,038	...
8th ditto ...	Calcutta and South-Eastern ...	28	4,817	172	28	5,156	184	1,44,878	101	1,56,013	109	11,135	...
8th ditto ...	Nalhati ...	27	1,577	58	27	1,423	53	65,019	47	66,373	48	1,354	...
8th ditto ...	Northern Bengal ...	231	28,285	122	233	46,010	197	16,09,730	136	18,94,605	159	2,84,875	...
8th ditto ...	Tirhoot ...	82	11,828	144	85	13,155	155	5,46,722	133	5,98,061	144	51,339	...
8th ditto ...	Patna-Gya ...	57	13,356	234	57	13,521	237	4,87,058	166	5,33,371	187	46,313	...
8th ditto ...	Muttra-Hathras ...	29	3,217	111	29	2,535	87	1,38,981	93	1,30,133	88	...	8,848
8th ditto ...	Cawnpore-Farukhabad	86	4,206	49	86	4,723	55	46,499	47	3,31,900	75	2,85,401	...
8th ditto ...	Dildarnagar-Ghazipur	12	643	54	12	882	73	17,414	59	40,223	65	22,809	...
15th ditto ...	Rajputana-Malwa ...	1,016	2,81,198	276	1,117	2,36,875	212	61,54,059	143	98,29,355	183	36,75,296	...
8th ditto ...	Wardha Coal ...	45	7,624	169	45	23,862	530	2,42,227	100	5,31,327	230	2,89,100	...
8th ditto ...	Nagpur & Chhattisgarh	66	5,051	76	98	16,221	166	1,58,875	57	4,00,631	110	2,41,756	...
1st ditto ...	Rangoon and Irrawaddy Valley ...	161	52,202	324	161	51,672	321	13,91,071	168	14,89,651	181	98,580	...
1st ditto ...	Sindia ...	70	6,300	90	75	7,303	97	2,26,416	64	3,18,169	84	91,753	...
1st ditto ...	Punjab Northern ...	285	94,494	331	368	82,204	223	37.94,781	348	30,88,141	166	...	7,06,640
1st ditto ...	Indus Valley and Kandahar ...	660	93,898	329	660	73,689	112	68,62,113	209	50,55,071	149	...	18,07,042
8th ditto ...	Muttra-Achneyra ...	...	...	...	23	1,281	56	...	...	13,803	31	13,803	...
	TOTAL ...	2,855	6,08,696	213	3,104	5,80,517	187	2,18,85,843	171	2,44,76,827	160	25,90,984	...
	Native States.												
1st April 1882	Bhavnagar-Gondal ...	192	13,664	71	194	27,278	141	1,20,034	52	7.96,337	89	6,76,303	...
8th ditto ...	Nizam's ...	121	13,481	111	121	15,319	127	6,84,578	110	7,74,272	125	89,694	...
18th Mar.1882.	Mysore ...	58	3,261	56	...	(a)...	...	(b)7,972	34	(c)1,48,160	43	1,40,194	...
	TOTAL ...	371	30,406	82	315	42,597	135	8,12,584	92	17,18,775	95	9,06,191	...
	GRAND TOTAL ...	9,537	30,22,342	317	9,741	34,63,235	356	12,99,22,411	282	14,59,02,165	295	1,59,79,754	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	6,53,73,227	142	7,13,75,267	144	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	6,45,49,184	140	7,45,26,898	151	99,77,714	...

(a) Return not received. (b) Total receipts from 1st February 1881 to 19th March 1881. (c) Total receipts from 1st April 1881 to 18th March 1882.

No. XIII OF 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for the last 5 days of March 1881		Total mean length open.	Receipts for the last 6 days of March 1882.		Total Receipts from 1st April 1880 to 31st March 1881.		Total Receipts from 1st April 1881 to 31st March 1882.		Total Increase in 1881-82.	Total Decrease in 1881-82.
			Total.	Per mile open		Total.	Per mile open	Total.	Per mile open per week.	Total.	Per mile open per week.		
			Rs.	Rs		Rs.	Rs	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	Guaranteed.												
8th Apl. 1882	Eastern Bengal ...	176	44,469	253	172	61,272	356	43,85,934	486	52,21,006	582	8,35,072	...
1st ditto .	Oudh and Rohilkhand	547	69,589	127	547	98,606	180	45,47,571	160	52,82,282	185	7,34,711	...
1st ditto ..	Sind, Punjab & Delhi	676	1,52 472	225	676	1,84,385	273	1,23,81,702	351	96,94,397	275	...	26,87,305
8th ditto ..	Madras .	858	1,45,217	169	858	1,08,926	127	61,35,509	137	63,47,131	142	2,11,622	...
1st ditto ...	South Indian ..	655	48,937	75	655	59,872	91	36,17,291	108	37,03,067	109	85,776	...
8th ditto ..	Great Indian Peninsula	1,448	4,62,047	319	1,446	8,59,809	595	2,64,53,631	353	3,51,62,095	466	87,08,464	...
1st ditto ...	Bombay, Baroda and Central India ..	444	2,49,821	563	461	2,16,071	469	85,60,728	369	96,47,318	415	10,86,590	...
	TOTAL ...	4,804	11,72,552	244	4,815	15,88,941	330	6,60,82,366	265	7,50,57,296	300	89,74,930	
	State.												
8th Apl. 1882	East Indian ...	1,507	7,02,539	466	1,507	8,26,264	548	4,30,16,709	547	4,70,64,472	600	40,47,763	...
8th ditto ...	Calcutta and South-Eastern ...	28	2,010	72	28	2,570	92	1,46,888	101	1,58,583	109	11,695	...
8th ditto ..	Nalhati ...	27	1,0[illegible]8	40	27	1,134	42	66,107	47	67,507	48	1,400	...
8th ditto ...	Northern Bengal ...	231	25,300	110	233	33,566	144	16,35,030	136	19,28,171	160	2,93,141	...
8th ditto ...	Tirhoot ..	82	11,071	135	85	12,506	147	5,57,793	123	6,10,567	144	52,774	...
8th ditto ..	Patna-Gya ...	57	9,599	168	57	10,112	177	4,96,657	167	5,43,483	183	46,826	...
8th ditto ...	Muttra-Hathras ...	29	2,510	87	29	2,119	73	1,41,491	94	1,32,252	88	...	9,239
8th ditto ...	Cawnpore Farukhabad	86	2,966	34	86	5,265	61	49,465	47	3,37,165	75	2,87,700	...
8th ditto ...	Dildarnagar-Ghazipur	12	463	39	12	835	70	17,877	58	41,058	66	23,181	...
15th ditto ...	Rajputana-Malwa ..	1,016	1,00,400	99	1,117	2,03,409	182	62,54,459	143	1,00,32,764	183	37,78,305	...
8th ditto ...	Wardha Coal ..	45	6,250	139	45	9,794	218	2,48,477	101	5,41,121	230	2,92,644	...
8th ditto .	Nagpur & Chhattisgarh	66	3,572	54	98	15,575	159	1,62,447	57	4,16,206	111	2,53,759	...
1st ditto ...	Rangoon and Irrawaddy Valley .	161	37,777	235	161	43,628	271	14,28,848	170	15,33,279	183	1,04,431	...
1st ditto ...	Sindia	70	4,122	59	75	7,118	95	2,30,538	64	3,25,287	85	94,749	...
1st ditto ..	Punjab Northern ..	285	57,760	203	368	83,729	228	38,52,541	347	31,71,870	167	...	6,80,671
1st ditto .	Indus Valley & Kandahar	660	87,532	138	660	74,272	113	69,49,645	209	51,29,343	149	...	18,20,302
8th ditto ...	Muttra-Achneyra ...	...	...	.	23	817	35	...	...	14,620	31	14,620	..
	TOTAL ..	2,855	3,52,420	123	3,104	5,06,449	163	2,22,38,263	171	2,49,83,276	160	27,45,013	.
	Native States.												
1st Apl. 1882	Bhavnagar-Gondal	192	10,976	57	194	23,711	125	1,31,010	53	8,20,048	90	6,89,038	...
8th ditto ...	Nizam's ..	121	14,840	123	121	12,116	100	6,99,418	110	7,86,388	125	86,970	...
18th Mar. 1882	Mysore ...	58	1,991	34	...	(a) ...	...	(b) 7,972	34	(c) 1,48,166	43	1,40,194	...
	TOTAL ...	371	27,807	75	315	35,827	114	8,38,400	93	17,54,602	95	9,16,202	...
	GRAND TOTAL ...	9,537	22,55,318	236	9,741	29,57,481	304	13,21,75,738	283	14,88,59,616	296	1,66,83,908	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	6,63,87,225	142	7,27,65,283	145	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	6,57,88,513	141	7,60,94,363	151	1,03,05,850	...

(a) Return not received.
(b) Total receipts from 1st February 1881 to 19th March 1881.
(c) Total receipts from 1st April 1881 to 18th March 1882.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 2nd MAY 1882.

GENERAL REMARKS.—There has been some rain in most districts of the Madras Presidency, and slight showers in two districts of Mysore. In the Bombay Presidency light rain has occurred in two districts, and in the Central Provinces in one district. Assam still continues to record more or less heavy showers.

The harvesting of a few crops is still going on in some districts of the Madras Presidency. Coffee blossoms and rice ears are setting in Coorg. In the Mysore State wet crops have withered in parts, but elsewhere are in a fair condition; and harvesting of sugarcane continues. In the Bombay Presidency the *rabi* harvest has now been completed. In the Punjab it is progressing. In the North-Western Provinces and Oudh it has been completed, and sugarcane is being irrigated. In Bengal standing crops are doing well.

Preparations for *kharif* sowings have either just begun or are progressing in the Central Provinces, in the Bombay Presidency, in Berar. In Bengal rain is reported to be much wanted in several districts for cultivation of the autumn crops, and the spring rice harvest is expected to yield a good crop. In the North-Western Provinces and Oudh the produce of the late harvest is coming into the markets. In Dharwar rain is now urgently wanted, and in a part of Ahmednagar the water-supply is failing. The want of water is also felt in some taluks of the Nizam's Territories. In the Mysore State water and pasturage are scarce, and prospects depend on seasonable rain. In the Madras Presidency standing crops are generally fair or good, and preparations for the next crop have begun in Malabar and Travancore.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—		
Bellary ...	.....	Standing crops (wet) good; harvest paddy and sugarcane, yield average; fever in one taluk.
Kurnool ...	.....	Harvest paddy, yield below average; small-pox and cattle-disease in parts.
Ganjam ...	·44 (average of three stations).	Standing crops, paddy, cotton and gingelly, thriving; small-pox and fever prevalent; sporadic cholera in parts; cattle-disease exists.
Kistna ...	·46 (average of five stations).	Fever, small-pox, and guinea-worm in parts; cattle-disease continues.
Chingleput (Madras) ...	·69 (average of six stations).	Standing crops good where irrigation, backward elsewhere; harvest (wet and dry) grains, outturn below average; agricultural operations progressing; small-pox and cattle-disease in parts.
Coimbatore ...	·51 (average of ten stations).	Standing crops generally fair; harvest (wet and dry) grains, outturn wet below average, dry poor; small-pox and fever in parts.
Tanjore ...	·41 (average of two stations).	Standing crops good; harvest (wet and dry) grains, yield below average; a few cases of cholera.
Madura ...	·89 (average of five stations).	Harvest paddy, outturn average; fever, cholera, and cattle-disease in parts.
Malabar ...	·62 (average of seven stations).	Preparations for first crop commenced in parts; fever, small-pox, cholera, and cattle-disease prevail in parts.
Travancore ...	·03	Ploughing and sowing progressing; fever slightly prevalent; harvest paddy, yield average. *General Remarks.*—No rain in Bellary and Kurnool; general prospects good.
Bombay—(May 3rd)		
Kurrachee ...	.....	River reading at Kotri on 1st, 7 feet 10 inches against 6 feet 7 inches on corresponding date last year; fever in seven talukas; cattle-disease in Ghorabari taluka; wheat, red rice, and *bajri* in Kurachi 22, 40 and 36, in Dadu 28 and 48, in Manjhand 26, 44 and 50, in Ghorabari 16, 48 and 52, and in Sujawal 16, 48 and 48 lbs. per rupee respectively.
Hyderabad ...	.....	River again rising; *kharif* operations commenced in some talukas; slight fever in seven and small-pox in two talukas; wheat 25, *juari* 45, *bajri* 40, red rice 32, and white rice 22 lbs. per rupee.
Ahmedabad ...	.....	*Rabi* harvest completed; health good; wheat 27 and *bajri* 30 lbs. per rupee.
Baroda ...	.....	*Rabi* harvesting nearly over; public health good; cattle-disease in part of Kadi division; *bajri* 30 and common rice 23 lbs. per rupee.
Surat ...	.....	Cotton picking continues; *juari* 36 and *nagli* 53 lbs. per rupee.
Násik ...	.....	Public health good; *bajri* 41½, wheat 31, and *juari* 67 lbs. per rupee.
Colaba (Bombay) ...	.....	Average abnormal temperature 1° warm; abnormal wind southerly till 29th, afterwards northerly; vapour in air normal, except on 2nd, when it was defective.
Poona ...	.....	Four cholera cases in one village of Indapur, 2 fatal, 15 in Jejuri and Purandhar, 6 fatal; *bajri* 45 and *juari* 56 lbs. per rupee, in Poona *bajri* 39 and *juari* 48 lbs. per rupee.
Ahmednagar ...	.....	Land being prepared for next season; water-supply in Parner taluka failing; *juari*—maximum 96 lbs. in Jhamkhed, minimum 57 in Newasa, *bajri*—maximum 66 in Jhamkhed, minimum 48 in Koparguon; slight cattle-disease in Karjat.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Sholapur ...	.....	*Juari* 73 lbs. 10 tolas, *bajri* 58 lbs. 24 tolas.
Dharwar ...	Slight rain at Bankapur, urgently wanted everywhere.	Ground being prepared for early crops; cotton-picking almost completed; scarcity of drinking water continues in Navalgund, Gadag, Hangal, Karajgi, Khalghatgi, and Kod talukas; public health good; rice 22 and *juari* 58 lbs. per rupee.
Kanara ...	·92 in petta Sirpa	Sugarcane planting and harvesting second crop continue; cattle-disease in three talukas, severe at Karwar, 33 cattle died; small-pox at Bhatkhul and Sidapur; fever in two talukas; common rice in Karwar 15, in district average 15⅝ seers per rupee.
Rajkot ...	.....	Weather hot; cholera decreasing in Rajkot town, 9 new and 7 fatal cases, none in camp; *bajri* 26 and *juari* 32 lbs. per rupee.
		General Remarks.—*Rabi* harvest generally completed; preparation of land for next season begun in a few districts; slight rain in Kanara, Belgaum, and part of Dharwar, in last district urgently wanted; water-supply failing in one taluka of Ahmednagar; slight fever and cattle-disease in a few places; cholera in Rajkot, Tanna, Ratnagiri, Belgaum, and Satara; prices generally steady.
Bengal—(May 3rd)—		
Chittagong ...	*Nil*	Weather sultry and hot, rain much needed for cultivation of *aus* (autumn rice); prospects and yield of crops fair; cholera and small-pox yet continue; general health fair; prices steady.
Dacca ...	.....	No report received.
24-Pergunnahs (Calcutta)	*Nil*	No crops on the ground; land being prepared for early and winter crops, as far as the want of rain will allow; rain urgently wanted; prices of common rice stationary; public health generally good; sporadic cholera reported from Baraipur and Dum-Dum sub-divisions and from the suburbs.
Moorshedabad ...	*Nil*	Both ploughing and sowing are interrupted for want of rain; cholera has disappeared from Jangipur town, but still prevails in Bhagwangola.
Rajshahye ...	*Nil*; ·25 in Natore	Sowings greatly interfered with by want of rain; cholera and fever still reported; cattle-disease in Natore.
Burdwan ...	*Nil*	Weather very hot, but strong breeze at night; rain required for ploughing; cholera cases still reported.
Rungpore ...	*Nil*	Weather cloudy; prospects of crops favourable; prices of foodgrains stationary; cholera reported from some parts.
Bhagálpur ...	*Nil*	Preparation being made for paddy sowing; rain much required; cholera and small-pox still prevalent.
Purneah ...	*Nil*	Rain wanted; prospects of crops fair; sowing of *bhadoi* going on; cholera has abated a little.
Patna ...	*Nil*	Rain wanted to facilitate preparation of land for sowing of autumn crops; cases of cholera and small-pox still reported from Barrh and Behar sub-divisions.
Durbhunga ...	*Nil*	Wind variable; weather hot during the day, but cool at night; indigo reports good; prices stationary; cholera prevalent in the town and in the interior.
Hazáribágh ...	*Nil*	Weather very hot; ploughing going on in several parts of the district; a few cases of cholera and small-pox still reported; general health good.
Cuttack ...	·09	Spring rice still being harvested; ploughing in progress; cholera reported in the interior.
		General Remarks.—More rain is still much wanted in several places for cultivation of autumn crops; crops on the ground are doing well; spring rice harvest expected to yield a good crop; cholera is still reported from several places and small-pox from some; public health is, however, on the whole fair.
N. W. Provinces and Oudh—		
Benares (May 2nd)	*Nil*	Irrigation of sugarcane continues; health of men and cattle good; foodgrains plentiful; prices steady.
Allahabad („ 3rd)	*Nil*	Threshing nearly over; fever increasing; cholera slightly increased, but not of virulent kind; city exceptionally healthy; prices slightly risen; cattle in good condition.
Cawnpore („ 2nd)	*Nil*	*Rabi* cut, outturn in irrigated land good, in unirrigated land below average; fever is prevalent; prices unchanged.
Gorakhpur („ „)	*Nil*	Weather fine; average outturn bad; little demand for grain in market; cholera decreasing; prices stationary.
Jhánsi („ 1st)	*Nil*	A slight shower at Mau on the 22nd; prices stationary; small-pox and cattle-disease on the decrease.
Agra („ 2nd)	*Nil*	Harvest finished; slight fever and small-pox in city; general health good; prices rising slightly.
Farukhabad („ „)	*Nil*	Slight fever prevalent; prices fallen; *rabi* crops average; weather getting warmer, wind west.
Bareilly („ „)	*Nil*	Harvest over; markets well supplied; prices steady; some cattle-disease in tahsil Aonla; general condition of the people good; some small-pox in the city.
Meerut („ „)	*Nil*	Weather close, easterly wind; some small-pox still reported; harvest completed; new grain slowly coming into market; prices stationary.
Kumaun („ „)	.....	Weather stormy, with slight partial showers; measles and typhus prevalent as well as some cattle-disease; prices stationary.
Lucknow („ „)	*Nil*	Harvest operations completed; sugarcane being irrigated; markets supplied as usual; prices barley 29½ seers per rupee; a few cases of cholera and cattle-disease reported in the district.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—*contd.*		
Partabgarh (May 2nd)	*Nil*	*Rabi* being garnered; *sawan* has been cut; indigo and sugarcane being irrigated; prices continue steady; general health good; a little cholera reported in tahsils Patti and Kunda.
Sitapur („ „)	*Nil*	Weather normal, easterly wind prevalent until 1st; cholera abating; prices stationary.
Fyzabad („ „)	*Nil*	Sugarcane being irrigated; cholera still prevalent.
		General Remarks.—Partial showers fell in two districts; prices show little fluctuation; cholera prevails in Fyzabad and has increased slightly in Allahabad, but is decreasing in Gorakhpur and Sitapur; a few cases have occurred in Lucknow and Partabgarh; slight small-pox in five districts; cattle-disease continues in Kumaun and has decreased in Jhánsi; a few cases are reported in Lucknow and Bareilly.
Punjab—(May 2nd)		
Delhi ...	*Nil*	Harvest over, yield average; general health fair; small-pox abating; prices slightly increasing.
Hissar ...	*Nil*	Harvesting and winnowing continue; prices fluctuating; health good.
Umballa ...	*Nil*	Threshing in progress; prices steady; health good.
Jullundur ...	*Nil*	Crops cut; prices falling; health good.
Amritsar ...	*Nil*	Crops being reaped; prices falling; health good.
Lahore ...	*Nil*	Crops cut; prices fluctuating; health good.
Ferozepore ...	*Nil*	Crops being cut; prices rising; health good.
Sialkot ...	*Nil*	Crops being cut; prices steady; health good.
Rawalpindi ...	*Nil*	Agricultural prospects and health good; prices falling.
Peshawar ...	*Nil*	Harvest good; prices falling; health good.
Mooltan ...	*Nil*	Crops being reaped; prices steady; health good.
Dera Ismail Khan ...	*Nil*	Crops being reaped; prices steady; health good.
		General Remarks.—Prospects and health good; prices fluctuating and have a downward tendency.
Central Provinces—		
Nagpur (May 3rd)	.....	Cloudy, latterly with high wind; land being prepared for *kharif* sowings; prices steady.
Jubbulpore („ 2nd)	.....	Hot and cloudy; threshing and winnowing complete; land under preparation for *kharif* sowings; cholera 23 deaths, small-pox 6 deaths; wheat 22 and rice 12 seers per rupee.
Saugor („ 1st)	.....	Cloudy; *rabi* outturn indifferent; land being prepared for *kharif* sowings; small-pox prevails; prices steady.
Seoni („ 2nd)	.....	Cholera spreading, 10 deaths; small-pox 13 deaths; slight cattle-disease; prices stationary.
Hoshangabad („ „)	.....	Weather seasonable; winnowing continues; small-pox 167 cases; wheat 18 seers, rice 9 seers, *juari* 25 seers per rupee.
Raipur (April 29th)	.....	Days hot, nights pleasant; land being prepared for rice sowings; cholera 10 deaths; rice 40, and wheat 38 seers per rupee.
Sambalpur („ 27th)	·80	Stormy weather at the beginning of the week; fields being prepared for *kharif* sowings; cholera 34 deaths; rice 54 seers per rupee.
Khandwa (May 2nd)	.....	Very warm; 113 cases small-pox, 6 deaths; wheat 18 seers and *juari* 34 seers per rupee.
		General Remarks.—Cloudy and hot, with cool nights; land being prepared for *kharif* sowings; cholera spreading in eastern districts; small-pox in some districts; prices steady.
British Burma—		
Akyab ...	.....	No report received.
Rangoon ...	.....	
Bassein ...	.....	
Prome ...	.....	
Amherst (Moulmein) ...	.....	
Toungoo ...	.....	
Assam—(May 3rd)		
Gauhati ...	·5	Weather very hot; cholera abated at Barpetta; *aus* coming up well.
Sylhet ..	2·52	Cultivation for *aus* and *aman* paddy progressing; prospects good.
Cachar ...	2·31	Two cases of cholera and one of small-pox reported from Lakhimpur and 8 cases of cholera from Kaligarh, where cattle-disease has also appeared; cultivation of crops progresses; common rice 21 $\frac{5}{16}$ seers per rupee.
Dibrugarh ...	2·30	Weather cloudy, with little rain; sowing of *aus* paddy; cattle-disease still reported; district healthy.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Mysore and Coorg—(May 3rd)		
Bangalore ...	.....	Wet crops mostly withered; harvesting of sugarcane continues; prospects favourable; cattle-disease prevalent; slight fall in prices.
Mysore ...	.....	Standing crops in fair condition; *cholum*, sesamum, and *ragi* were sown; water and pasturage scanty; no material change in prices.
Mercara ...	.....	The *vysakh* rice crop has come into ear in a small portion of the Naujrajpatna taluk; the coffee blossom on estates on the Sampaji ghat scorched from want of rain, well elsewhere; prices stationary; small-pox prevalent, but no more cases of cholera.
		General Remarks.—Slight rain at Tumkur and Chickmangalur; crops in fair condition; prospects depending on seasonable rain; water and pasturage scarce; cholera prevalent in the towns of Mysore and Hunsur, and slight in two taluks; fever, small-pox, and murrain also prevalent more or less throughout the state.
Berar & Hyderabad—(May 3rd)		
Amráoti ...	.....	Preparations for *kharif* sowings in active progress; wheat 18 and *juari* 36 seers per rupee.
Akola ...	.....	Weather warm; fields being prepared for *kharif* sowing.
Hyderabad (April 27th)	.....	*Tabi* reapings continue; want of water felt in some taluks; small-pox and cattle-disease prevail in places; prices of wheat 17, coarse rice $10\frac{1}{4}$, white *juari* 29, *tur* $28\frac{1}{4}$, and gram $23\frac{1}{4}$ seers per current sicca rupee.
Central India States—(May 3rd)		
Indore ...	.....	Weather cloudy and windy at intervals, nights cool and pleasant; health good; ground is being prepared for the first rain sowings.
Morar (Gwalior) ...	.....	Weather warm; small-pox prevalent; wheat $18\frac{3}{4}$, gram 23, *bajra* 19, and *juari* 24 seers per rupee.
Sutna ...	No rain	Prospects and health good.
Nowgong ...	.....	Health good; weather hot; prices stationary.
Neemuch ...	.....	No more small-pox; high winds prevailing.
Goona ...	.....	Wheat 26 seers per rupee; crops and health good; small-pox reported in district.
Bhopal ...	.....	Weather seasonable; prospects good; small-pox prevalent.
Agar ...	No rain	Health and prospects good.
Manpur ...	.....	Weather cloudy and warm; prices steady.
Rajputana—		
Abu (May 3rd)	.....	Weather seasonable, days little warm, nights cool.
Sirohi (April 13th)	.....	Tanks and wells fair; health good; fairly cool weather for season of year.
Marwar („ 28th)	.....	Plenty of water in tanks and wells; health good; prospects good; weather close and warm, clouds forming; prices rising.
Meywar („ 29th)	.....	Tanks and wells good; 41 deaths from cholera during week.
Harowti („ „)	.....	Heat great by day, nights cool; small-pox at Shahpura, elsewhere abating.
Jhallawar („ 26th)	.....	Tanks and wells low; west winds rather less; small-pox.
Ajmere (May 2nd)	.....	Weather seasonable; small-pox prevalent; few cases of cholera in Todgarh tahsil.
Jeypore („ „)	.....	Weather seasonable; health good; prices stationary.
Ulwur („ „)	.....	Health good; wells low; cotton being sown.
Nepal—(April 27th)		
Katmandu ...	·97	Weather cloudy, cool and showery.

E. C. BUCK,
Secy. to the Govt. of India.

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PUBLISHED BY AUTHORITY.

№ 19.} SIMLA, SATURDAY, MAY 13, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

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Nothing for publication.

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Nothing for publication.

SUPPLEMENT No. 19.

PART I.

Government of India Notifications, Appointments, Promotions, &c.

HOME DEPARTMENT.

NOTIFICATIONS.—PUBLIC.

Simla, the 9th May 1882.

No. 696.—The services of the undermentioned Civilians of the Punjab Commission are placed at the disposal of the Government of Bombay:—

Mr. W. W. Drew, B.A.
" E. L. Cappel.
" D. C. Johnstone.

ESTABLISHMENTS.

The 8th May 1882.

No. 686.—A vacancy having occurred in the office of an Ordinary Member of the Council of the Governor General of India by the appointment of the Hon'ble Augustus Rivers Thompson, C.S.I., C.I.E., to the office of Lieutenant-Governor of Bengal, Her Majesty the Queen, Empress of India, has been graciously pleased to appoint Sir Steuart Colvin Bayley, K.C.S.I., C.I.E., of the Bengal Civil Service, to be an Ordinary Member of the Council of the Governor General of India.

Sir Steuart Bayley has on the afternoon of this day, under the usual salute, taken his seat as an Ordinary Member of the Governor General's Council.

The 12th May 1882.

No. 206.—Mr. G. H. M. Batten is permitted to resign Her Majesty's Bengal Civil Service, with effect from the 12th February 1882.

No. 210.—*Erratum.*—In Home Department Notification No. 110, dated 5th April 1882, for "Mr. *W. G.* Place," read "Mr. *G. W.* Place."

MEDICAL.

The 12th May 1882.

No. 206.—The services of Surgeon-Major J. J. Durant, Principal Assistant to the Opium Agent, Benares, are replaced at the disposal of the Military Department.

JUDICIAL.

The 11th May 1882.

No. 640.—The Hon'ble J. Q. Pigot, B.A., Barrister-at-Law, took his seat as an Officiating Judge of the High Court of Judicature at Fort William in Bengal on the forenoon of the 4th instant.

The 12th May 1882.

No. 646.—Under the provisions of Section 3, Act XXVI of 1881 (The Negotiable Instruments Act, 1881), the Governor General in Council has been pleased to appoint the following persons to perform the functions of Notaries Public under that Act:—

Mr. E. E. Heinig, Special Sub-Registrar, Benares Municipality.
Mr. W. H. Lyons, Special Sub-Registrar, Allahabad Municipality.
Kazi Muhammad Sharif, Special Sub-Registrar, Mirzapur Municipality.
Kazi Basit Ali, Special Sub-Registrar, Agra Municipality.
Taffazzul Husain, Special Sub-Registrar, Muttra Municipality.
Abdul Subhan, Special Sub-Registrar, Brindaban Municipality.
Jamna Prasad, Special Sub-Registrar, Bareilly Municipality.
Bushir-ud-din, Special Sub-Registrar, Pilibhit Municipality.
Muhammad Aziz-ul-Hasan, Special Sub-Registrar, Bisalpur Municipality.
Manj Husain, Officiating Registrar, Lucknow Division.
Lalta Prasad, Registrar, Fyzabad Division.
Kazi Saiyid Muhammad, Registrar, Sitapur Division.
Muhammad Muzaffar Husain, Registrar, Rae Bareli Division.
Mr. E. Newton, Vakil, Dehra Dun.
Babu Dangar Mal, Pleader, Meerut.
Pandit Badri Dat Joshi, Pleader, Naini Tal.

EDUCATION.

The 12th May 1882.

No. 290.—Under Section 12 of Act II of 1857 the Governor General in Council is pleased to authorise the affiliation of the Government High School, Fyzabad, to the Calcutta University up to the First Arts Standard, with effect from the 1st January 1882.

FORESTS.

The 8th May 1882.

No. 384*F*.—Mr. D. Brandis, C.I.E., Inspector General of Forests to the Government of India, on special duty, is granted privilege leave of absence for three months, with effect from the 10th instant, or any subsequent date on which he may avail himself of it.

The 11th May 1882.

No. 392*F*.—Mr. E. Ludlow, Assistant Conservator of Forests of the 1st Grade in the Central Provinces, is transferred to Assam.

A. MACKENZIE,
Secy. to the Govt. of India.

REVENUE AND AGRICULTURAL DEPARTMENT.

NOTIFICATIONS.—SURVEYS.

Simla, the 12th May 1882.

No. 177*S*.—Mr. T. W. H. Hughes, Officiating Deputy Superintendent, Geological Survey of India, is granted six months' leave on urgent private affairs, under Section 60, Chapter V, of the Civil Leave Code, with effect from the 10th May 1882, or from the date he may avail himself of it.

No. 179*S*.-71-5.—Mr. W. T. Blanford, A.R.S.M., F.R.S., F.G.S., Deputy Superintendent of the Geological Survey of India, has been granted six months' leave on medical certificate, under Section 51, Chapter V, of the Civil Leave Code, with effect from the 24th April 1882.

E. C. BUCK,
Secy. to the Govt. of India.

FOREIGN DEPARTMENT.

NOTIFICATIONS.—GENERAL.

Simla, the 12th May 1882.

No. 767 *G.G.*—The services of Mr. A. H. T. Martindale, M.C.S., Officiating Assistant Secretary to the Government of India in the Foreign Department, are placed temporarily at the disposal of the Home Department.

No. 769 *G.G.*—Surgeon R. Caldecott, Medical Officer of the 2nd Regiment, Central India Horse, is appointed to officiate as Residency Surgeon, Indore, during the absence on privilege leave of Surgeon-Major D. F. Keegan, M.D., or until further orders.

No. 771 *G.G.*—Mr. H. Harrison, Superintendent of His Highness the Gaekwar's Dhari Battalion, is appointed to officiate as Assistant to the Agent to the Governor General, Baroda, at Okhamandel, *vice* Major Walter Scott, proceeded on furlough, with effect from the date of assuming charge.

No. 773 *G.G.*—The services of Mr. H. Groves, Executive Engineer, 3rd Grade, being no longer required by the Mysore State, are placed at the disposal of the Public Works Department.

POLITICAL.

The 12th May 1882.

No. 152 *G.P.*—With reference to Foreign Department Notification No. 45 G.P. of the 10th February 1882, the recognition by the Government of India of the appointment of Mr. Oscar Trefftz as Acting Consul for the Austro-Hungarian Empire at Calcutta has been confirmed by Her Majesty's Government.

MILITARY.

The 12th May 1882.

No. 92 *G.M.*—Lieutenant J. A. Bell, B.S.C., Officiating Adjutant of the Deoli Irregular Force, is appointed to be Station Staff Officer at Deoli, in addition to his other duties, with effect from 14th April 1882.

No. 94 *G.M.*—The following promotions are made in the Infantry Branch of the Deoli Irregular Force, with effect from the 14th March 1882:—

Jemadar Boyroo Bux, to be Subadar, *vice* Subadar Ramdut Patuck, deceased.

Havildar-Major Gopal Sing, to be Jemadar, *vice* Jemadar Boyroo Bux, promoted.

JUDICIAL.

The 11th May 1882.

No. 10 *E.J.*—In exercise of the power conferred by Sections 4 and 8 of Act XXI of 1879 (The Foreign Jurisdiction and Extradition Act, 1879), and of all other powers enabling him in this behalf, the Governor General in Council, with the assent of His Highness the Khan of Kalat, is pleased to empower Major A. H. Mayhew to exercise the powers of a Magistrate of the 1st Class, as described in the Code of Criminal Procedure (Acts X of 1872 and XI of 1874), over all persons within the district of Quetta, and to commit persons for trial to the officer for the time being holding the office of Agent to the Governor General in Biluchistan as the Court of Session.

No. 11 *E.J.*—In exercise of the power conferred by Sections 4 and 8 of Act XXI of 1879 (The Foreign Jurisdiction and Extradition Act, 1879), and of all other powers enabling him in this behalf, the Governor General in Council, with the assent of His Highness the Khan of Kalat, is pleased to empower Rao Sahib Utam Chand Sati Das to exercise the powers of a Magistrate of the 2nd Class, as described in the Code of Criminal Procedure (Acts X of 1872 and XI of 1874), over all persons within the district of Quetta, and to commit persons for trial to the officer for the time being holding the office of Agent to the Governor General in Biluchistan as the Court of Session.

No. 14 *E.J.*—In exercise of the power conferred by Sections 4 and 8 of Act XXI of 1879 (The Foreign Jurisdiction and Extradition Act, 1879), and of all other powers enabling him in this behalf, the Governor General in Council is pleased to empower Major A. H. Mayhew to exercise the powers of a Magistrate of the 1st Class, as described in the Code of Criminal Procedure (Acts X of 1872 and XI of 1874), over all persons within the districts of Sibi and Pishin, and to commit persons for trial to the officer for the time being holding the office of Agent to the Governor General for Biluchistan as the Court of Session.

No. 15 *E.J.*—In exercise of the power conferred by Sections 4 and 8 of Act XXI of 1879 (The Foreign Jurisdiction and Extradition Act, 1879), and of all other powers enabling him in this behalf, the Governor General in Council is pleased to empower Rao Sahib Utam Chand Sati Das to exercise the powers of a Magistrate of the 2nd Class, as described in the Code of Criminal Procedure (Acts X of 1872 and XI of 1874), over all persons within the districts of Sibi and Pishin, and to commit persons for trial to the officer for the time being holding the office of Agent to the Governor General in Biluchistan as the Court of Session.

C. GRANT,
Secy. to the Govt. of India.

DEPARTMENT OF FINANCE AND COMMERCE.

NOTIFICATIONS.

Simla, the 8th May 1882.

No. 812.

RESOLUTION—By the Government of India, Department of Finance and Commerce.

Read the undermentioned papers regarding the supply of stores required for the public service in India:—

Financial Resolution		No.	3574,	dated	3rd November 1880.
„	„	„	953,	„	10th June 1881.
„	Circular	„	220,	„	28th April „
„	„	„	621,	„	14th May „

Read also the undermentioned correspondence with the Government of the Punjab, regarding the stores purchased in India during the years 1879-80 and 1880-81 for the Public Works Department, Punjab:—

Letter from the Government of the Punjab,				No.	275,	dated	4th February 1882.
„	to	„	„	„	1401,	„	8th March „
„	from	„	„	„	815,	„	27th „ „

RESOLUTION.—From the returns received with the letter from the Government of the Punjab, No. 815, dated the 27th March last, a list has been prepared and is appended to this Resolution, showing the articles which should, in future, be procured of Indian manufacture, if they can be obtained of sufficiently good quality and at a price not higher than that of imported articles of the same classes.

ORDERED, that the foregoing Resolution be communicated to the Government of the Punjab and to the other Local Governments and Administrations for information and guidance; also that it be published in the *Gazette of India.*

List of Articles.

Names of Articles.	1879-80 AND 1880-81.					
	Rate.	Number or Quantity.		Total Cost.		
				Rs.	A.	P.
Bolts	4 to 10 annas each ...	No.	36	17	0	0
„ iron	Re. 1-9-1 each ...	„	53	83	3	0
„ „	Rs. 20 per maund ...	Mds.	54	1,080	0	0
„ „ galvanised ...	3 pie each ..	No.	1,030	16	0	0
„ and Nuts	Re. 0-1-1 each ...	„	700	67	1	0
Cash Boxes	Rs. 14 each ...	„	2	28	0	0
Cement, Portland	Rs. 4-1 to 8-3 per barrel	Barls.	23	206	9	0
Chains, iron	Rs. 25 each ...	No.	2	50	0	0
„ „	Re. 0-4 „ ...	„	12	3	0	0
Chalk	Re. 1-8 per maund ...	Mds.	11-25	17	8	0
Chests, Treasure	Rs. 50 each ...	No.	2	100	0	0
Gutters, iron, galvanised ...	Re. 0-12 & 1-5-4 per ft.	Ft.	927	802	0	0
Hasps	Re. 0-12 each ...	No.	36	27	0	0
Hinges	Re. 0-2-11 to 0-5-0 each	„	218	54	14	7
Holdfasts	Re. 0-6 to 1-8-7 each...	„	988	866	10	3
Locks	.....	„	1	2	0	0
Nuts, iron	Re. 0-4 each ...	„	28	7	0	0
Pegs „	Re. 0-4 „ ...	„	120	30	0	0
Pick-axes	Rs. 2 & 2-8 each ...	„	35	76	8	0
Phowrahs	Re. 1-1-8 & 1-4 each...	„	111	130	0	0
Rails, iron	Rs. 3 per maund ...	Mds.	295	885	0	0
Rings „	Re. 0-3 each ...	No.	4	0	12	0
Rivets and Washers	Re. 0-6 per lb. ...	lbs.	243	91	0	0
Scale with Weights	.....	No.	1	20	0	0
Spirit-levels	Rs. 11-8 each ...	„	2	23	0	0
Tape, measuring, 50' to 100' ...	Re. 1 to Rs. 10-8 each	„	50	190	15	0
Taps and Dies	.....	Set	1	125	0	0
Varnish	Rs. 5-2-8 per gallon ...	Gals.	12	72	9	0
„ Copal	Re. 1-4 per lb. ...	lbs.	187	234	0	0
Washers, iron	Re. 0-12 per seer ...	Seers	31	23	0	0

The 12th May 1882.

No. 813.

RESOLUTION—By the Government of India, Department of Finance and Commerce.

Read again the undermentioned papers regarding the supply of stores required for the public service in India :—

Financial Resolution No. 3574, dated 3rd November 1880.
„ „ „ 953, „ 10th June 1881.
Office Memo. to the Public Works Department, No. 137, dated 22nd April 1881.
„ „ „ „ „ „ 1844, „ 20th July „

Read also—

Office Memorandum from the Public Works Department, No. 171 A.-G., dated 10th April 1882, forwarding Returns showing European stores purchased locally during the last two years for the General Branch of the Department, Hyderabad.

RESOLUTION.—From the returns received from the Public Works Department, a list has been prepared, and is appended to this Resolution, showing the articles which in future should be procured of Indian manufacture, if they can be obtained of sufficiently good quality and at a price not higher than that of imported articles of the same classes.

ORDERED, that this Resolution be communicated to the Public Works Department and to all Local Governments and Administrations for information and guidance; and that it be published in the *Gazette of India* for general information.

List of Articles.

Names of Articles.	1879-80.			1880-81.			TOTAL.	
	Rate.	No. or Quantity.	Total Cost.	Rate.	No. or Quantity.	Total Cost.	No. or Quantity.	Total Cost.
			Rs.			Rs.		Rs.
Axes, pick	Rs. 12 to 14-8 a doz.	1,750 ...	2,075	Re. 0-14-6 each ...	604 ...	550	2,354 ...	2,625
Bolts, galvanised	,, 0-1-1 each ...	450 ...	30	...	...	...	...	...
,, iron	,, 0-4-5 ,, ...	292 ...	82	...	...	...	...	...
,, ,, galvanised ...	,, 3-8-10 per 100...	3,744 ...	133	...	...	...	...	...
,, tower	,, 0-7-6 each ...	32 ...	15	Re. 0-6-0 to 1-4 each	257 ...	156	289 ...	171
,, ,, iron	,, 1-4 to 5-8 per doz.	38½ dozs. ...	89	...	...	...	...	...
,, and nuts, iron, galvanised ...	,, 3-0-8 per 100 ...	5,000 ...	152	Re. 0-0-5 each ...	2,016 ...	57	7,016 ...	209
,, ,, with washers ...	,, 0-2-0 each ...	2,100 ...	269	,, 0-4-0 ,, ...	8 ...	2	2,108 ...	271
Brace, carpenter's	,, 13-8 per set ...	1 set ...	15	...	...	...	...	...
Buckets, galvanised	...	...	...	Re. 1-1-2 each ...	13 ...	14	...	...
,, zinc	,, 1-8 each ...	24 ...	36	...	...	...	...	...
Calliper	...	1 ...	2	...	...	...	...	...
Cans, watering	,, 3-8-10 each ...	36 ...	128	...	...	...	...	...
Cement, Portland	,, 5-13-6 per 100 lbs.	1,900 lbs. ...	111	Rs. 5-7-4 per 100 lbs.	2,950 lbs. ...	161	4,850 lbs. ...	272
	...	1 cask ...	10	...	...	...	...	...
Chains, door	,, 0-3-5 each ...	56 ...	12	...	...	...	...	...
,, iron	...	...	...	Re. 0-2-6 each ...	112 ...	18	...	...
Chest, iron, cash	,, 45 each ...	4 ...	214	Rs. 45 ,, ...	3 ...	147	7 ...	361
Cocks, stop, brass	...	...	...	,, 35 ,, ...	1 ...	37	...	...
,, ,, galvanised ...	,, 3-8 and 9 each	9 ...	48	...	...	...	...	...
Couplings	...	...	...	Re. 0-8-0 each ...	2 ...	1	...	...
Girders, wrought-iron	,, 201-9-5 each ...	5 ...	1,008	...	...	...	...	...
Glue	...	...	...	Re. 0-7-8 per lb. ...	20 lbs. ...	10	...	...
Hammers	,, 5 each ...	10 ...	50	Rs. 4 each ...	4 ...	16	14 ...	66
,, ...	...	...	...	,, 20 per cwt. ...	407 lbs. ...	80	...	...
Hinges	,, 0-1-9 each ...	538 ...	61	...	...	...	...	...
,, brass	,, 12 per doz. ...	½ doz. ...	6	...	...	...	...	...
,, butt	,, 1 to 3-4 per doz.	64 ,, ...	163	...	...	...	...	...
,, iron	,, 0-1-8 to 0-3-4 each.	192 ...	28	Re. 0-0-10 to 0-1-8 each.	632 ...	56	824 ...	84
Jumpers, steel	...	...	...	,, 0-3-4 per lb. ...	244 lbs. ...	51	...	...
Kettle, glue	...	1 ...	4	...	...	...	...	...
Latches	,, 0-12-0 each ...	12 ...	9	...	...	...	...	...
Leather lacing	,, 1-6-5 per lb. ...	20 lbs. ...	28	Re. 1-2-4 per lb. ...	34 lbs. ...	39	54 lbs. ...	67
Levels, spirit	,, 2 each ...	6 ...	13	,, 1-8 each ...	2 ...	4	8 ...	17
Locks, drawer	,, 1-4 ,, ...	9 ...	13	...	...	...	...	...
,, pad, brass	...	...	...	Rs. 2 and 2-8 each	22 ...	53	...	...
,, ,, iron	,, 0-13-6 each ...	19 ...	16	...	...	...	...	...
Machine, weighing	...	...	...	...	1 ...	50	...	...
Netting, wire, iron, galvanised ...	,, 1-12-6 per s. ft.	150 s. ft. ...	267	...	...	...	...	...
	,, 1-10 per yard ...	40 yards ...	65	Re. 1-15 per yard ...	32 yards ...	62	72 yards ...	127
Nippers	...	1	2	...	...	...	...	...
Oil, kerosine	,, 3 per tin ...	4 tins ...	12	...	...	20	...	32
,, linseed, boiled	,, 2-12-7 per gal....	189½ gallons...	528	Rs. 2-8 per gallon...	25 gallons ...	68	214½ gals. ...	596
,, ,, ,, ...	...	...	...	Re. 0-5-7 per lb. ...	180 lbs. ...	63	...	...
Pincers	,, 1-8 each ...	2 ...	3	...	...	...	...	...
Pipes, cast-iron	,, 7-3-10 per cwt.	58 cwt. ...	420	Rs. 4-14 per cwt. ...	6,412 lbs. ...	393	115 cwt. 1 qr.	813
,, wrought-iron	,, 0-0-11 each ...	200 ...	14	...	...	...	...	...
Pipings ,, ...	...	...	...	Re. 0-6-6 each ...	32 ...	15	...	...
Planes, bead	,, 1 and 2 each ...	6 ...	8	...	...	...	...	...
,, grooving	...	1 ...	3	...	...	...	...	...
,, jack	,, 3-8 each ...	2 ...	7	...	...	...	...	...
,, rabbet, square... ...	,, 1 ,, ...	3 ...	3	...	...	...	...	...
,, smooth	,, 2-4 ,, ...	2 ...	5	...	...	...	...	...
,, trying	,, 4-8 ,, ...	2 ...	9	...	...	...	...	...
Pliers	,, 1 ,, ...	2	2	...	...	...	...	...
Polish, French	...	...	...	Rs. 7 and 8-12 per gal.	9 gallons ...	71	...	...
Phowrahs	,, 6 to 8 per doz.	1,850 ...	1,088	,, 6 to 10-8 per doz.	434 ...	372	2,284 ...	1,460
,, buckets, pans, &c. ...	,, 0-3-1 per lb. ...	5,900 lbs. ...	1,150	Re. 0-3-0 per lb. ...	5,500 lbs. ...	1,040	11,400 lbs. ...	2,190
Pulley, block, galvanised ...	...	1 ...	7	...	...	...	...	...
,, punkha, brass	,, 6 each ...	4 ...	24	Rs. 3-10-8 each ...	6 ...	22	10 ...	46
Ratchets	,, 19 ,, ...	2 ...	38	...	...	...	...	...
Rings, brass	...	1 doz. ...	3	...	...	...	...	...
Rivets, iron	,, 24-5-4 per cwt.	9 cwt. ...	220	Re. 0-8 per 100 ...	1,000 ...	5	...	...
,, and washers, iron, galvanised	,, 0-4-1 per lb. ...	575 lbs. ...	149	,, 0-4 each ...	896 ...	226	...	...
Rope, coir	...	...	...	Rs. 12-8 per cwt. ...	2,495 lbs. ...	500	...	...
,, wire	...	...	...	Re. 0-1-7 per foot ...	80 feet ...	8	...	...
,, ,, iron, galvanised ...	...	...	...	Rs. 28 & 30 per cwt.	309 lbs. ...	50	...	...
Spanners	...	...	...	,, 7 each ...	2 ...	14	...	...
Squares, carpenters'	...	1 ...	2	...	...	...	...	...
Tapes, measuring	Rs. 3-8 to 7 each ...	37 ...	201	Rs. 3-12 and 6 each	23 ...	128	60 ...	329
Taps and dies	,, 270 per set ...	1 set ...	290	...	...	...	...	...
Turpentine	,, 2-9-5 per gal. ...	17 gallons ...	44	Rs. 2-12 to 3-12-10 per gallon.	10 gallons ...	35	27 gallons ...	79
,, ...	...	...	...	,, 13 per tin ...	1 tin ...	15	...	...
Varnish, copal	,, 8-2-8 per gal....	12 ,, ...	98	,, 6 per gallon ...	7 gallons ...	45	19 gallons ...	143
Vices, hand	,, 2 and 3 each ...	2 ...	5	...	...	...	...	...
Washers, iron, galvanised ...	,, 25 per cwt. ...	1 cwt. ...	27	...	...	...	...	...

The 5th May 1882.

No. 887.—Mr. H. G. H. Keene, having been appointed to officiate as Assistant Comptroller General, received charge of his office before noon on the 25th April 1882.

The 9th May 1882.

No. 966.—Mr. Stephen Jacob, B.C.S., is appointed to officiate as Accountant General, Bengal.

The 12th May 1882.

No. 1001.—In exercise of the powers conferred by Section 6 of the Opium Act, 1878, and in supersession of the Notification No. 7, dated 3rd January 1880, the Governor General in Council directs that duty at the rate of Rs. 175 shall be levied on each chest of opium of 140¼ lbs. avoirdupois net weight imported into the Punjab, with effect from the 10th August 1881.

No. 1014.—The following Corrigendum to the Codes of the Financial Department is published for general information:—

C. L. C.

PAGE 170.

Section 78, Rule 20.

Substitute the following for the first foot-note to the Rule:—

"This Rule does not apply to Medical Officers, whose applications must be forwarded—

(*a*) if for furlough on medical certificate—through the Local Government to the Military Department.

(*b*) if for furlough without medical certificate—through the Local Government, who should forward them to the Surgeon-General with the Government of India, the Government of Madras, or the Government of Bombay, as the case may be, for disposal."

D. M. BARBOUR,
Offg. Secy. to the Govt. of India.

MILITARY DEPARTMENT.

Simla, the 12th May, 1882.

APPOINTMENTS.

No. 250.—STAFF CORPS—

The undermentioned officer is admitted to the Bengal Staff Corps, with effect from the date specified, subject to the confirmation of the Right Hon'ble the Secretary of State for India:—

Lieutenant John Gunning Hunter, East Surrey Regiment, Officiating Wing Officer, 36th Native Infantry,—20th October, 1880.

No. 251.—PERSONAL STAFF—

His Excellency the Viceroy and Governor General has been pleased to make the following appointments on His Excellency's personal staff:—

Lieutenant *Lord* A. F. Compton, 10th Hussars, to be Aide-de-Camp, *vice* Captain C. W. Muir. Dated 1st May, 1882.

Captain C. W. Muir, Bengal S. C., to be an Extra Aide-de-Camp, *vice* Lieutenant A. W. Perry, resigned. Dated 1st May, 1882.

No. 252.—MILITARY WORKS DEPARTMENT—

Captain W. L. Greenstreet, R.E., Executive Engineer, 1st Grade, is promoted to temporary Superintending Engineer, 3rd Class.

No. 253.—QUARTERMASTER GENERAL'S DEPARTMENT—

Captain C. J. R. Fulford, Bengal S. C. (since deceased), Wing Officer, 26th Native Infantry, and Officiating Deputy Assistant Quartermaster General, is confirmed in the latter appointment, *vice* Major M. J. King-Harman, whose tour of staff service has expired. Dated 20th April, 1882.

No. 254.—COMMISSARIAT DEPARTMENT—

Lieutenant J. P. Sparling, Sub-Assistant Commissary General, 3rd Class, on probation, is confirmed in his appointment, with effect from the 29th March, 1881.

No. 255.—ORDNANCE DEPARTMENT—

Rank and Names.	To what rank promoted.	From what date.	In succession to
Sub-Conductor (Officiating Conductor) William Joseph McDermott.	Conductor ...	28th March, 1882.	Conductor J. Hoggan, pensioned.
Magazine Sergeant Alfred Suggate.	Sub-Conductor, on probation.	Ditto	Sub-Conductor McDermott.
Magazine Sergeant (Temporary Sub-Conductor) William H. Chart.	Ditto	6th April, 1882.	Sub-Conductor A. Beauchamp, seconded.

No. 256.—HYDERABAD CONTINGENT—

2nd Cavalry.

Surgeon-Major H. Crocker, M.D., Medical Officer, 4th Infantry, and Officiating Medical Officer, 1st Cavalry, to be Medical Officer, *vice* Surgeon-Major B. Williamson, M.B., resigned.

2nd Infantry.

Lieutenant E. W. St. G. Welchman, Wing Officer, 1st Infantry, to be Wing Officer and Adjutant, *vice* Captain C. C. Whistler, deceased.

1st Infantry.

Lieutenant F. A. Harris, Officiating Wing Officer, 3rd Infantry, to be Wing Officer, *vice* Lieutenant Welchman, transferred to the 2nd Infantry.

FURLOUGH AND LEAVE.

No. 257.—The undermentioned officers are granted furlough out of India, with the necessary subsidiary leave:—

Major C. T. M. Higginson, General List, Cavalry, Squadron Commander, 2nd Bengal Cavalry, (p. a.) for two years, under rule IX of the regulations of 1868.

Surgeon J. Young, M.B., (m. c.) for one year, under rules IX and XV of the regulations of 1868.

Deputy Assistant Commissary J. Brown, Storekeeper, Foundry and Shell Factory, Cossipore, (m. c.) for one year, under rule VI of the regulations of 1875.

No. 258.—Lieutenant-Colonel (Brevet Colonel) J. I. Robinson, Cavalry, Superintendent, Hissar Cattle Farm, is allowed leave in India (p. a.) for 182 days, under rule XXV of the regulations of 1868.

No. 259.—Lieutenant-Colonel P. Wheeler, Infantry, is granted furlough in and out of India (m. c.) for one year, under rules IX and XV of the regulations of 1868.

No. 260.—The undermentioned officers have been granted extensions of furlough by the Right Hon'ble the Secretary of State for India :—

Lieutenant-Colonel R. J. Walker, Bengal S. C., (u. p. a.) for six days, without pay.

Lieutenant-Colonel C. J. Hughes, Bengal S. C., (m. c.) for three months. (This cancels the extension granted to him in G. G. O. No. 101 of 1882.)

Major (Brevet Lieutenant-Colonel) C. R. Pennington, Bengal S. C., (m. c.) for six months.

Major L. F. Boileau, R.E., (m. c.) for two months.

PROMOTIONS.

No. 261.—ORDNANCE DEPARTMENT—

Sub-Conductors Richard Whitmore and George Hadden, on probation, are confirmed in their present grade from the 12th October, 1881.

No. 262.—VOLUNTEER CORPS—

Berar Volunteer Rifle Corps.

Captain C. Little, to be Major-Commandant, *vice* Major R. Bullock, resigned.

RETIREMENTS.

No. 263.—Major Gerveys Richard Grylls, Bengal S. C., is permitted to retire from the service, with effect from the 15th May, 1882, subject to Her Majesty's approval.

No. 264.—Captain A. J. Corse-Scott, Bengal S. C., has been transferred to the half-pay list, with effect from the 21st April, 1882, subject to Her Majesty's approval.

G. CHESNEY, *Colonel,*
Secretary to the Government of India.

PUBLIC WORKS DEPARTMENT.

NOTIFICATIONS.

Simla, the 8th May 1882.

No. 122.—The services of Mr. W. Home, Assistant Engineer, 2nd Grade, Railway Branch, are placed at the disposal of the Foreign Department.

No. 123.—Mr. J. W. A. McNair, Assistant Examiner, 1st Grade, is transferred temporarily from the Office of the Examiner of Telegraph Accounts to that of the Examiner, Public Works Accounts, Bengal.

No. 124.—Nesar Ahmed, Assistant Engineer, 3rd Grade, is transferred from Assam to Bengal.

The 10th May 1882.

No. 126.—*Corrigendum.*—That portion of Public Works Department Notification No. 56 of the 15th February 1882 which relates to the reversion to Assistant Engineer, 1st Grade, of Lieutenant B. Scott, R.E., is cancelled.

No. 127.—Mr. W. McGregor is appointed to the Revenue Establishment of State Railways in the Traffic Candidate Class, and is posted to State Railways under the Director General of Railways.

No. 128.—Mr. H. Johnson, Executive Engineer, 1st Grade, Punjab Northern State Railway, is appointed to officiate as Engineer-in-Chief of the Northern Section, Punjab Northern State Railway, in addition to his own duties, during the absence of the Engineer-in-Chief, Mr. F. L. O'Callaghan, on privilege leave, or until further orders.

The 12th May 1882.

No. 129.—The following promotions are made in the Railway Branch to fill existing vacancies :—

Name.	From	To	Date.
	Permanent.		
Mr. G. W. MacGeorge ...	Executive Engineer, 2nd Grade ...	Executive Engineer, 1st Grade ...	26th April 1882.
Mr. W. Monies ...	Assistant " 2nd " ...	Assistant " 1st " ...	26th "
	Temporary.		
Mr. F. E. Braham ...	Assistant Engineer, 1st Grade ...	Executive Engineer, 4th Grade ...	28th Feb. 1882.
Mr. H. H. Gahan ...	" " 1st " ...	" " 4th " ...	3rd April 1882.
Mr. E. W. Arundell ...	" " 1st " ...	" " 4th " ...	8th "
Mr. T. R. Wynne ...	" " 1st " ...	" " 4th " ...	12th "
Mr. J. Tait ...	" " 1st " ...	" " 4th " ...	15th "

No. 258.—Lieutenant-Colonel (Brevet Colonel) J. I. Robinson, Cavalry, Superintendent, Hissar Cattle Farm, is allowed leave in India (p. a.) for 182 days, under rule XXV of the regulations of 1868.

No. 259.—Lieutenant-Colonel P. Wheeler, Infantry, is granted furlough in and out of India (m. c.) for one year, under rules IX and XV of the regulations of 1868.

No. 260.—The undermentioned officers have been granted extensions of furlough by the Right Hon'ble the Secretary of State for India :—

Lieutenant-Colonel R. J. Walker, Bengal S. C., (u. p. a.) for six days, without pay.

Lieutenant-Colonel C. J. Hughes, Bengal S. C., (m. c.) for three months. (This cancels the extension granted to him in G. G. O. No. 101 of 1882.)

Major (Brevet Lieutenant-Colonel) C. R. Pennington, Bengal S. C., (m. c.) for six months.

Major L. F. Boileau, R.E., (m. c.) for two months.

PROMOTIONS.

No. 261.—ORDNANCE DEPARTMENT—

Sub-Conductors Richard Whitmore and George Hadden, on probation, are confirmed in their present grade from the 12th October, 1881.

No. 262.—VOLUNTEER CORPS—

Berar Volunteer Rifle Corps.

Captain C. Little, to be Major-Commandant, *vice* Major R. Bullock, resigned.

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G. CHESNEY, *Colonel,*
Secretary to the Government of India.

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The 10th May 1882.

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No. 127.—Mr. W. McGregor is appointed to the Revenue Establishment of State Railways in the Traffic Candidate Class, and is posted to State Railways under the Director General of Railways.

No. 128.—Mr. H. Johnson, Executive Engineer, 1st Grade, Punjab Northern State Railway, is appointed to officiate as Engineer-in-Chief of the Northern Section, Punjab Northern State Railway, in addition to his own duties, during the absence of the Engineer-in-Chief, Mr. F. L. O'Callaghan, on privilege leave, or until further orders.

The 12th May 1882.

No. 129.—The following promotions are made in the Railway Branch to fill existing vacancies :—

Name.	From	To	Date.
	Permanent.		
Mr. G. W. MacGeorge ...	Executive Engineer, 2nd Grade ...	Executive Engineer, 1st Grade ...	26th April 1882.
Mr. W. Monies ...	Assistant " 2nd " ...	Assistant " 1st " ...	26th "
	Temporary.		
Mr. F. E. Braham ...	Assistant Engineer, 1st Grade ...	Executive Engineer, 4th Grade ...	28th Feb. 1882.
Mr. H. H. Gahan ...	" " 1st " ...	" " 4th " ...	3rd April 1882.
Mr. E. W. Arundell ...	" " 1st " ...	" " 4th " ...	8th "
Mr. T. R. Wynne ...	" " 1st " ...	" " 4th " ...	12th "
Mr. J. Tait ...	" " 1st " ...	" " 4th " ...	15th "

No. 130.—That portion of Public Works Department Notification No. 114 of the 27th April 1882 which relates to the posting of Captain M. Laugharne, R.E., to Assam is cancelled, and he is posted to British Burma.

No. 131.—Mr. W. D. Brockman, Superintending Engineer, Class III, temporary rank, is promoted to Superintending Engineer, Class II, temporary rank, with effect from 29th April 1882.

No. 132.—*Corrigenda.*—In Public Works Department Notification No. 118, dated 4th May 1882, for "*Meddley, Colonel J. G., R.E.,*" read "*Medley, Colonel J. G., R.E.,*" and for "*Cregreen, A. C.,*" read "*Cregeen, A. C.*"

No. 133.—Mr. P. J. Dudgeon, in Class IV of the Superior Locomotive Establishment of State Railways, is appointed to officiate in Class III while acting in charge of a Locomotive District, or until further orders.

No. 134.—The services of Mr. G. L. Edwards, Assistant Locomotive Superintendent in Class III of the Revenue Establishment of State Railways, are dispensed with on reduction of establishment, under Section 100 of Civil Pension Code.

No. 135.—Mr. S. Finney, Assistant Engineer, 1st Grade, Bengal, Railway Branch, is transferred to the State Railway Revenue Establishment in Class III, with effect from 24th May 1881.

TELEGRAPH.

The 10th May 1882.

No. 125.—The Governor General in Council is pleased to make the following promotions in the Indian Telegraph Department, with effect from the dates specified :—

Name.	From	To	With effect from
C. P. Landon ...	Asst. Supdt., 1st Grade ...	Supdt., 4th Grade ...	19th June 1880. This cancels Mr. Landon's promotion to be Supdt., 4th Grade, with effect from 1st April 1880, as published in P. W. D. Gazette Notification No. 398 of 24th Dec. 1881.
M. R. Trower ...	" " 1st " ...	" 4th " ...	1st Apl. 1880.
J. J. Allen ...	" " 1st " ...	" 4th " ...	20th Aug. 1881.
W. McGregor ...	Supdt., 3rd Grade ...	" 2nd "	26th Jan. 1882.
S. P. W. V. Luke, C.I.E. ...	" 4th " ...	" 3rd "	
E. C. Bird ...	Asst. Supdt., 1st Grade ...	" 4th "	
T. Blissett ...	Supdt., 2nd Grade ...	Officiate as Supdt., 1st Grade	26th " till further orders.
R. B. Flindell ...	" 2nd " ...	" " " 1st "	2nd Apl. 1882 " "
J. Burke ...	" 3rd " ...	" " " 2nd "	1st Apl. 1880 to 18th July 1880, and from 27th Mar. 1881 to 31st Mar. 1882.
R. F. Dallas ...	" 3rd " ...	" " " 2nd "	15th Nov. 1880 to 28th Feb. 1881, and from 1st Apl. 1882 till further orders.
C. H. Reynolds ...	" 3rd " ...	" " " 2nd "	19th Aug. 1881 till further orders.
W. F. Melhuish ...	" 3rd " ...	" " " 2nd "	26th Jan. 1882 " "
R. C. Laughlin ...	" 4th " ...	" " " 3rd "	18th Aug. 1880 to 19th Aug. 1881.
S. P. W. V. Luke, C.I.E. ...	" 4th " ...	" " " 3rd "	1st Apl. 1880 to 18th July 1880, and from 19th Oct. 1880 to 28th Feb. 1881.
F. W. F. Wiese ...	" 4th " ...	" " " 3rd "	24th Apl. 1880 to 21st Nov. 1880, and from 17th June 1881 till further orders.
R. Boteler ...	" 4th " ...	" " " 3rd "	27th Mar. 1881 to 13th Mar. 1882.
F. G. Maclean ...	" 4th " ...	" " " 3rd "	29th Jan. 1882 till further orders.
C. E. Pitman, C.I.E. ...	" 4th " ...	" " " 3rd "	24th Mar. 1882 " "
W. Williams ...	" 4th " ...	" " " 3rd "	2nd Apl. 1882 " "
M. R. Trower ...	" 4th " ...	" " " 3rd "	2nd " " "
C. P. Landon ...	Asst. Supdt., 1st Grade ...	" " " 4th "	1st Apl. 1880 to 18th June 1880.
J. J. Allen ...	" " 1st " ...	" " " 4th "	1st " to 19th Aug. 1881.
E. C. Bird ...	" " 1st " ...	" " " 4th "	1st " to 25th Jan. 1882.
G. J. Hare ...	" " 1st " ...	" " " 4th "	24th Apl. 1880 to 28th Feb. 1881, and from 27th Mar. 1881 till further orders.
A. Hullah ...	" " 1st " ...	" " " 4th "	24th Apl. 1880 to 15th Dec. 1880 and from 27th Mar. 1881 till further orders.
H. F. Stevens ...	" " 1st " ...	" " " 4th "	19th June 1880 to 21st Nov. 1880, and from 27th Mar. 1881 till further orders.
A. B. Larkins ...	" " 1st " ...	" " " 4th "	3rd June 1881 till further orders.
E. Dowson ...	" " 1st " ...	" " " 4th "	3rd " " "
F. Kinsman ...	" " 1st " ...	" " " 4th "	27th " to 4th Apl. 1882.
F. T. Rickards ...	" " 1st " ...	" " " 4th "	20th July 1881 to 13th Mar. 1882.
W. R. Philipps ...	" " 1st " ...	" " " 4th "	19th Aug. 1881 to 24th Feb. 1882.
J. W. B. Duthy ...	" " 1st " ...	" " " 4th "	5th Apl. 1882 till further orders.

W. S. TREVOR, *Colonel, R.E.,*
Secy. to the Govt. of India.

The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, MAY 13, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller General, &c.

GAZETTE OF INDIA.

NOTICE.

The 11th March 1882.

From the 8th April next, till further notice, Parts I, IV, and V of the *Gazette of India*, and the Weather and Crop Report, will be published at Simla. After the 1st April, all Notifications and other matter intended for publication in those Parts, should be addressed to the Officiating Publisher at that station.

Parts II and III and the Supplement will continue to be published in Calcutta.

Parts IV and V of the *Gazette of India*, containing the Acts and Bills of the Legislative Council, may be subscribed for separately from the other Parts of the Gazette. The annual subscription for the two Parts will be Rs. 5 per annum, payable in advance. When sent by post, Rs. 2-8 per annum additional will be charged for postage. For the current year these Parts are available from 1st May only, the back numbers being out of print.

Complaints regarding non-receipt of any number of the *Gazette* should be forwarded within a week after the day on which it is due.

Applications for the supply of the *Gazette* on the *public service* should be addressed to the Home Department.

By an order of Government, all subscriptions must be paid *in advance*.

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E. J. DEAN.

Publisher, Gazette of India.

NOTICE.

The Office of Superintendent of Government Printing having been removed to No. 166, Dhurrumtollah Street, all communications intended for that Office should be sent to that address.

E. J. DEAN,

Supdt. of Govt. Printing, India.

SURVEY OF INDIA.

NOTIFICATIONS.

Mussooree, the 4th May 1882.

No. 276.—Mr. J. F. Macarthy, Assistant Surveyor, 2nd Grade, is granted (with reference to Notification No. 241, dated 19th September 1881), extraordinary leave without allowances for one year, under Section 133 of the Civil Leave Code, with effect from the 1st April 1882.

The 8th May 1882.

No. 277.—Mr. R. Todd, Assistant Surveyor, 1st Grade, is appointed to officiate as Surveyor, 4th Grade, *vice* Mr. J. H. O'Donel, Surveyor, 4th Grade, seconded, with effect from the forenoon of the 21st April last.

No. 278.—Mr. W. Sinclair, Surveyor, 2nd Grade, and Draftsman in the Deputy Surveyor General's Office, is granted furlough for seventeen months and twenty-six days, under the provisions of Sections 5(*a*) and 131 of the Civil Leave Code, with effect from the forenoon of the 21st ultimo.

J. T. WALKER, *Lieut.-Genl., R.E.,*

Surveyor General of India.

TELEGRAPH DEPARTMENT.

NOTIFICATION.

Simla, the 5th May 1882.

Offices opened and closed during the month of April 1882:—

Name of Station.	Where situated.	Date.	REMARKS.
Dinagepore . .	Bengal . .	24th .	Opened.
Malabar Point .	Governor's Office, Bombay.	6th .	Closed.
Pirchowkey .	Beluchistan . .	27th .	Ditto.
Rampore Bauleah	Bengal . .	24th .	Opened.
Rindli . .	Beluchistan . .	27th .	Ditto.
Serajgunge. .	Bengal . .	24th .	Ditto.

R. MURRAY, *Colonel,*
Director General of Telegraphs in India.

SURGEON-GENERAL WITH THE GOVERNMENT OF INDIA.

NOTIFICATIONS.

Simla, the 20th April 1882.

No. 17.—The services of 3rd Grade Assistant Surgeon Raj Kumar Roy, of the supernumerary list, are placed at the disposal of the Chief Commissioner, Andaman and Nicobar Islands, for employment there.

The 22nd April 1882.

No. 18.—The undermentioned students of the Calcutta Medical College are admitted into the service as Assistant Surgeons, with effect from the 14th April 1882:—

1. Khagendra Nath Sen.
2. Narayan Chandra Basu.
3. Nirmul Chandra Gupta.
4. Gopal Chandra Mukherjea.
5. Kali Krishna Bagchi.

J. M. CUNINGHAM, M.D.,
Surgeon-General with the Govt. of India.

CHIEF COMMISSIONER OF COORG.

NOTIFICATION.

Bangalore, the 6th May 1882.

No. 7.—Mr. J. D. Sandford, M.A., Barrister-at-law, B.C.S., delivered over, and Mr. C. G. Plumer, M.C.S., received, charge of the Office of the Judicial Commissioner, Coorg, on the forenoon of the 1st May 1882.

By Order,
H. WYLIE, *Major,*
Secretary to the Chief Commr. of Coorg.

AGENT, GOVERNOR GENERAL, FOR CENTRAL INDIA.

NOTIFICATION.

Indore Residency, the 6th May 1882.

No. 840.—Colonel J. D. Hall, Commandant of the Bhopal Battalion, held charge of the Sehore Treasury, in addition to his own duties, from the forenoon of the 26th December 1881 to the afternoon of the 24th February 1882, during the absence on duty of the Political Agent, Bhopal.

By Order,
J. BURNE,
1st Asst. Agent, Govr. Genl., for Central India.

AGENT, GOVERNOR GENERAL, FOR RAJPUTANA.

NOTIFICATIONS.

Mount Abu, the 1st May 1882.

No. 1159 *G.*—Lieutenant-Colonel F. W. Boileau, Commandant, Merwara Battalion, is granted sixty days' privilege leave from the 4th May 1882, or such subsequent date as he may avail himself of the same.

The 5th May 1882.

No. 1233 *G.*—Major G. L. K. Hewett, Commandant, Erinpurah Irregular Force, availed himself, on the 25th April 1882, of the privilege leave granted him in this Office Notification No. 740 G. of the 28th March 1882.

The 6th May 1882.

No. 1248 *G.*—With reference to Foreign Department Notification No. 476 G. G., dated 6th April 1882, Captain N. C. Martelli and Lieutenant G. F. N. Tinley, respectively, made over and received charge of the Offices of the Banswara and Pertabgurh Assistancy and the Moghia Superintendency on the afternoon of the 20th April 1882.

No. 1250 *G.*—With reference to this Office Notification No. 1248 G., dated 6th May 1882, Lieutenant G. F. N. Tinley and Major R. G. E. Dalrymple, respectively, made over and received charge of the Offices of the Banswara and Pertabgurh Assistancy and the Moghia Superintendency on the forenoon of the 26th April 1882.

No. 1253 *G.*—With reference to Foreign Department Notification No. 535 G. G., dated 14th April 1882, Surgeons W. Beatson and D. ffrench Mullen, respectively, made over and received medical charge of the Meywar Political Agency on the afternoon of the 27th April 1882.

The 8th May 1882.

No. 1258 *G.*—Lieutenant H. L. Ramsay, Assistant Agent to the Governor General for Rajputana, availed himself, on the forenoon of the 6th April 1882, of the thirty days' privilege leave granted him in this Office Notification No. 996 G., dated 25th March 1882, and returned to duty on the forenoon of the 5th May 1882.

No. 1260 *G.*—With reference to this Office Notification No. 952 G., dated 18th April 1882, Major Percy W. Smith, Officiating 2nd-in-Command, Merwara Battalion, is granted an extension of privilege leave up to the 9th May 1882.

By Order,
E. A. FRASER,
1st Asst. Agent to the Govr. Genl.

AGENT, GOVERNOR GENERAL, AND CHIEF COMMISSIONER, RAJPUTANA, P. W. D.

NOTIFICATION.

Camp Chittore, the 22nd April 1882.

No. 3094 S.—Whereas land is required in the Ajmere District for public purpose, *viz.*, for the Rajputana and Malwa Railway, this declaration is made in accordance with the provision of Section 6 of Act X of 1870.

District.	Pargana.	Village.	AMOUNT REQUIRED. FOR OCCUPATION. Permanently.	Temporarily.	TOTAL.	Purpose for which required.	REMARKS.
			A. R. P.	A. R. P.	A. R. P.		
Ajmere .	Ajmere .	Ajmere .	(B) 12 3 24	...	12 3 24	Railway purposes.	The plan of the land may be inspected at the Office of Assistant Commissioner, Ajmere.

N.B.—The nulla marked (B) on the plan coloured pink for carrying off the water of Ana Sagar is not available for Railway occupation.

By Order,
J. P. STEEL, *Major, R.E.,*
Secy. to Agent, Govr. Genl., & Chief Commr., P. W. D., Rajputana.

Statement of the Affairs of the Bank of Bengal for the week ending 9th May 1882.

LIABILITIES.		Rs.	A.	P.
Capital paid-up		2,00,00,000	0	0
Reserve Fund		30,11,966	4	4
	Rs. A. P.			
Public Deposits at Head Office .	1,18,25,704 12 7	2,36,40,964	5	11
Public Deposits at Branches .	1,18,15,259 9 4			
Other Deposits at Head Office and Branches		2,28,84,954	11	4
Bank Post Bills, &c.		4,04,238	0	9
Sundries		14,48,045	7	3
RUPEES .		7,13,90,168	13	7

ASSETS.		Rs	A.	P.
Government Securities . . .		73,34,610	10	0
Other authorized Investments . .		44,51,585	0	0
Loans on Government and other authorized Securities . . .		77,66,995	12	7
Accounts of Credit on Government and other authorized Securities . .		80,61,369	7	7
Bills discounted and purchased . .		2,20,74,494	1	3
Balances with other Banks . . .		6,83,342	10	0
Bullion		7,71,234	6	11
Dead Stock		12,03,862	12	4
Stamps		9,214	11	0
Sundries		3,75,103	13	6
		5,27,31,813	5	2
	Rs. A. P.			
Cash and Currency Notes at Head Office .	73,00,642 13 4	1,86,58,355	8	5
Cash and Currency Notes at Branches .	1,13,57,712 11 1			
RUPEES .		7,13,90,168	13	7

By order of the Directors.

BANK OF BENGAL,
Calcutta, 11th May 1882.

J. GORDON,
Chief Acctt. & Depy. Secretary.

W. D. CRUICKSHANK,
Offg. Secy. & Treasurer.

MILITARY DEPARTMENT—Military Works.

NOTIFICATION.

Presidency & Oudh Command.

Lucknow, the 3rd May 1882.

No. 13.—With reference to this Office Notification No. 7, dated the 22nd March 1882, Lieutenant G. M. Porter, R.E., Assistant Engineer, 1st Grade, joined the Saugor Division, Military Works, on the forenoon of 12th April 1882.

H. McV. CRICHTON, *Major, R.E.,*
Supdg. Engr., Presdy. & Oudh Command, Military Works.

Report of a Deserter from the 2nd Battalion, Royal Warwickshire Regiment of Foot, dated at Fort William, Calcutta, this 9th day of May 1882.

Number, Rank, and Name,—No. 1716, Private Peter Sharp.
Age,—32 years 5 months.
Size,—5 feet 6 inches.
Colour of—
Complexion, fresh; Hair, fair; Eyes, light blue.
Date of Desertion,—5th May 1882.
Place of Desertion,—Fort William, Calcutta.
Date of Enlistment,—26th November 1867.

At what Place Enlisted,—Edinburgh.
Parish and County in which Born,—Clackmannon, Clackmannon, Scotland.
Marks,—*Nil.*
Trade,—Tailor.
Coat or Jacket,— } White clothing, regimental clothing, Glengarry cap.
Waistcoat,— ... }
Breeches or Trowsers,— ... }
REMARKS,—Somewhat deaf.
Under 15 years' service.

L. B. HOLE, *Lieut.-Col.,*
Comdg. 2nd Battn., the Rl. Warwickshire Regt.

Report of a Deserter from the 6-10th Brigade, Royal Regiment of Artillery, dated at Colaba, this 4th day of May 1882.

Number, Rank, and Name,—No. 4165, Gunner Thomas Ring.
Age,—22 years.
Size,—5 feet 6¾ inches.
Colour of—
Complexion, fresh; Hair, brown; Eyes, grey.
Date of Desertion,—2nd May 1882
Place of Desertion,—Colaba, Bombay.
Date of Enlistment,—6th November 1880.

At what Place Enlisted,—Liverpool.
Parish and County in which Born,—Mallow, Mallow, Cork.
Marks,—Scar on left thigh.
Trade,—Sailor.
Coat or Jacket,— } Regimentals.
Waistcoat,— ... }
Breeches or Trowsers,— ... }
REMARKS,—
Under 2 years' service.

——————, *Capt., R.A.,*
Comdg. 6-10th R.A.

Report of a Deserter from the 7-10th Brigade, Royal Regiment of Artillery, dated at Colaba, this 3rd day of May 1882.

Number, Rank, and Name,—No. 5001, Gunner Henry McConnell.
Age,—26 years 3 months.
Size,—5 feet 10½ inches.
Colour of—
Complexion, freckled; Hair, brown; Eyes, grey.
Date of Desertion,—30th April 1882.
Place of Desertion,—Colaba, Bombay.

Date of Enlistment,—1st July 1876.
At what Place Enlisted,—Cardiff.
Parish and County in which Born,—Cork, Cork.
Marks,—*Nil.*
Trade,—Labourer.
Coat or Jacket,— } Regimentals.
Waistcoat,— ... }
Breeches or Trowsers,— }
REMARKS,—Not on furlough.
Under 6 years' service.

——————, *Capt., R.A.,*
Comdg. 7-10th R.A.

Weekly Statement of Silver tendered, of Certificates issued, and Silver Balance in the Mint.

DATE.	SILVER TENDERED, ESTIMATED VALUE.	CERTIFICATES ISSUED ON		BALANCE OF BULLION		
		General Treasury.	Currency Department.	Under Assay.	Assayed.	Held on account of the Currency Department.
1882.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
May 1	...	...	777	2,41,869	61,85,810	30,14,060
" 2	...	...	2,43,734	12,825	65,96,180	32,43,124
" 3	...	...	...	12,825	67,77,480	32,43,124
" 4	8,80,615	...	...	8,93,440	69,53,802	32,43,124
" 5	...	...	...	8,93,440	71,39,642	32,43,124
" 6	...	...	...	8,93,440	71,14,025	32,43,124

CALCUTTA MINT,
The 8th May 1882.

J. F. TENNANT, *Col., R.E.,*
Mint Master.

CURRENCY NOTES.

The following Currency Notes of the Government of India are stated to have been lost, and payment of their value has been claimed by the persons whose names are placed against the numbers. Any other person having these Notes in his possession, or claiming a right to them, is warned to communicate at once with the undersigned:—

Allahabad Circle.

NOTES WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Notes.	Value.	Name of Claimant.
		Rs.	
102	... D 18—87124 ...	100	The Traffic Superintendent, Rajputana-Malwa Railway, Ajmere.
103	... D 9—95519 ...	1,000	Mohur Singh and Sawaee Ram, Saharunpore.

ALLAHABAD,
The 10th May 1882.

GODREZJEE D. PUDUMJEE, *A. A. G.,*
In charge of Paper Currency Office.

Calcutta Circle.

NOTES WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Notes.	Value.	Name of Claimant.
		Rs.	
25	... P 10—08456 ...	100	Moharaj Sing.
27	... O 96—63780 ...	100	Chundra Coomar Seal.
28 & 29	O 97—70080 ...	100	The District Superintendent of Police, Rajshahye.
	O 32—87346 ...	50	
	O 65—29596 ...	50	
	" —31902 ...	50	
30	... O 65—46138 ...	50	Rajendra Nath Basu.
31	... O 97—52311 ...	100	Raghunath Das Shew Lal.
32	... O 97—31414 ...	100	Badhao Mull Kaka Mull.

CALCUTTA,
The 12th May 1882.

J. TAYLOR,
Asst. Comptlr. Genl., Paper Currency.

POST OFFICE.

NOTIFICATIONS.

Simla, the 24th April 1882.

Commencing with the steamers leaving—

London	...	...	May 24
Brindisi	...	...	June 5
Calcutta	...	...	June 17
Madras	...	...	June 20
Bombay	...	...	June 16
Sydney	...	...	May 31
Shanghai	...	...	June 3

the vessels of the Peninsular and Oriental Steam Navigation Company touching at Ceylon will substitute Colombo for Galle as a port of call.

2. The general arrangements for the despatch of mails to Ceylon by P. and O. Steamer will not be affected by this change.

L. G. WAIT,
Asst. Dir. Genl. of the Post Office of India,
Foreign Post Branch.

The 6th May 1882.

No. 1264.—Appointments in the Post Office Department made by the Director General of the Post Office of India :—

POSTAL CIRCLE, BOMBAY.

Mr. H. J. Hewett is appointed to officiate as a 1st Class Mail Officer.

Mr. M. F. Ingle is appointed to officiate as a 2nd Class Mail Officer.

Mr. E. Jardine is appointed to officiate as a 3rd Class Mail Officer.

Mr. Krishnaji Ballal is appointed to officiate as a Superintendent of the 3rd Grade.

E. R. DOUGLAS,
Depy. Dir. Genl. of the Post Office of India.

Calcutta, the 12th May 1882.

SEA AND FOREIGN MAILS.

For	Box closes at	Date.	Per Steamer
		1882.	
Persian Gulf	7 P. M.	20th May	From Bombay.
Madras, Ceylon and the Intermediate Ports	7 "	18th "	Str. *Husara*
Madras and Ceylon	7 "	18th "	P. & O. Str. *Thames.*
Galle, Penang, Singapore, Hong-Kong, and Shanghai; also *viâ* Hong-Kong for Yokohama; also for Australian Colonies	7 "	16th "	From Bombay.
Foreign Mails *viâ* Bombay	7 "	16th "	From Bombay.*
Do. Book Post and Pattern Packets	7 "	15th "	From Bombay.
Rangoon, Moulmein, and Straits	7 "	18th "	Str. *Purulia.*†
Persian Gulf	7 "	13th "	From Bombay.
Chittagong, Akyab, Kyouk Phyoo, and Rangoon	7 "	18th "	Str. *Satara.*
Straits and Hong-Kong	7 "	17th "	Strs. *Japan* and *Lennox.*

* Also for Cape Town and Natal *viâ* England can be forwarded.

† Mail for Port Blair can be forwarded by this opportunity.

N.B.—The Letter Box will close at 7 P. M. precisely; after which hour foreign letters, fully prepaid and bearing an extra postage stamp of four (4) annas on each cover, will be received up to 7-30 P. M.

Commencing from the 30th May 1882 and until further notice, the Foreign Mail Steamer will be despatched from Bombay every Tuesday, the Mails closing in Calcutta every Saturday. The last Tuesday Mail will be closed at the General Post Office on the 23rd May current and the first Saturday Mail on the 27th May 1882.

Commencing from the 31st May 1882 and until further notice, the Mails for British Burmah will be closed in the Calcutta General Post Office every Wednesday instead of on Thursday. The last Thursday Mail will be closed in the General Post Office on the 25th May current and the first Wednesday Mail on the 31st May 1882.

List of Unclaimed Letters lying in the Calcutta Post Office on the 7th May 1882.

Arson, C.
Atkinson, A.
Badgley, Lt. J. M. T.
Baldwin, Capt. J. H.
Barnard, E.
Berkeley, W.
Boswell, W. L.
Cazalas, L.
Curry, W. T.
Denkin, S.
Deverell, G. H. B.
Egerton, W. H.
Elius, W.
Fletcher, A. H.
Ganad, W.
Gibson, Mrs. J.
Hawley, H.
Jefferson, L.
Macdonald, J.
Martin, H. A.
Paster, G.
Pelayo, J.
Perie, E. O.
Richards, A.
Robertson, T. S.
Scott, E. C.
Swift, Miss C.
Tormuce.
Vetriano, J. D.
White, G.

Letters marked "Care of Post Office, to be kept till called for."

Achard, L. F.
Antonio, D.
Beamki, Sijnore G. P.
Berevetz, Abraham.
Berrill, G. F.
Bockman, C.
C. B. A.
C. B. & Co.
Cahill, James.
Carter, R. G.
Cooper, Frank
Cresswell, J. W.
Croghan, W. J.
Cumine, Miss.
Curie, R. B.
Curlander, Solomon.
Dadds, F. L.
Dexter, J. B.
Dun, E. W.
Eastwood, E. P.
E. D. P. O.
Ferrell, J. B.
Fernandez, M. G.
Fergusson, Major.
Fitch, R. A.
Gheenburge, M. M.
G. L.
Gordon, Miss E.
Gunther, J.
Haukivez, C.
Hansen, W. T.
Hart, M. D.
Harry, Thomas.
Healy, Captain F.
Hearne, T.
Howard, W.
Jacky, Monsieur R.
Jones, H. R.
Jones, Thos.
Jox, Henry.
Kanai Lall Seal.
Kegel, F. G. M.
Kendall, Miss Sophia.
Kennedy, R. H.
Kennet, C. A.
Lambert, Dr. E.
Luch, J.
Lynam, J.
Macnab, Henry.
Maitland, T.
Malabari, B. M.
Manager, Central Bengal Medical Hall.
Mason, —.
Maston, B.
Mavor, H.
McVey, Hugh.
Mercer, C. G.
Michie, A.
Munro, W.
Nazir, C. S.
Norton, J. B.
Orinstein, Signiori Scapria.
Palmer, Mrs. E.
Pingley, A. B.
Pollock, W. N.
Radcliffe, Vernon B.
Raymond, Miss.
Rex, Miss.
Rhodes, D.
Robinson, William.
S. B. & Co.
Schaun, R.
Sevastopulo, N. E.
Sheels, H. J.
Sims, Fred.
Smith, H. Gordon.
Smith, J.
Span, J. M.
Stoble, Lt. J. C.
Strachan, E.
Strongs, W. S.
Stromayer, T.
Stuart, William.
Thornhill, H. R.
Thomas, W. H.
Vincent, J.
Waldron, Lt. H. F.
Warnier, M.
Watts, G.
West, D. K.
Wilson, Mrs. C. M.
W. J. H.
Wright, Mrs. H.
X. Y. Z.

Registered Letters.

Curry & Co., C. F.
"K. D."
Rickie, Alex. S.
Stewart, C. H.
Thomas & Co., E. H. C.
Weben, Martha.
Williams, John.

E. HUTTON,
Presidency Post Master.

NOTICE.

Waste Lands available for Planters in the Tavoy District.

Waste lands, covered at present with forest, bamboos or grass, are available for plantations of coffee, tea, cinchona, or spices at altitudes varying from 100 feet to 6,800 feet above the sea in the Tavoy district. This region is between the 13th and 14th parallels of north latitude, and the rainfall ranges from 190 to 220 inches a year. The lands are mostly within 30 to 50 miles of the steamer station of Thayetchoung on the Tavoy river. Mail steamers ply between Thayetchoung and Moulmein or Rangoon once a week inwards and outwards.

II.—Grants of land in lots ranging from 100 to 1,200 acres can be had for planting tea, coffee, cinchona, or spices on application to the Deputy Commissioner of Tavoy. Such grants will be made in accordance with the "Burma Land and Revenue Act, 1876," and with the rules sanctioned thereunder by the Governor General of India in Council. Copies of the Act and rules can be obtained by intending planters on application to the Deputy Commissioner of Tavoy, the Commissioner of Tenasserim at Moulmein, or the Secretariat, Rangoon.

III.—In addition to the concessions and conditions laid down in the Act and rules, the following special concessions will be made to persons taking up land for plantations of coffee, tea, cinchona, or spices in Tavoy, namely,—

(1) A grantee must bring under cultivation one-third of his grant within 12 years from the date of his obtaining the grant. If, after the expiration of 12 years, any surplus uncultivated land, in excess of two acres of waste for each acre of cultivated land, shall remain on the grant, such surplus waste shall then revert to Government; and the grantee shall have no further claim or right in the surplus which has so reverted.

(2) A grantee will not be liable to pay any land revenue or any price for the land of his grant until the end of the tenth year after he enters on possession, provided that he takes *bonâ fide* steps to cultivate a reasonable proportion of the grant with coffee, tea, cinchona, or spices. In the event of any grantee desiring a more precise definition of a "reasonable proportion," the Chief Commissioner may decide beforehand in each case what proportion of the grant ought to be thus cultivated in each year.

(3) After the end of the tenth year the grantee will be liable to pay land revenue at the rate of Rs. 1-4-0 per acre and cesses at the rate of two annas per acre on one-third of his grant up to the year 1900 A. D.; after the expiration of such year he will be liable to pay for one-third of his grant the same revenue rate as is paid for garden lands in the nearest revenue circle where a garden rate obtains.

(4) A grantee will not be called upon to pay anything for timber, bamboos, or grass which he may cut upon his grant, provided he takes *bonâ fide* steps as aforesaid to cultivate coffee, tea, cinchona, or spices.

IV.—The only payment which a grantee will have to make on receiving his grant will be eight annas an acre for the cost of survey and demarcation. In consideration of such payment the Deputy Commissioner will cause a survey to be made of the grant, will furnish the grantee with a copy of such survey, and will cause boundary marks to be erected at suitable points in the outer boundary of the grant.

V.—The wishes of applicants will be met as far as possible in regard to the situation and shape of their grants. But ordinarily—

(*a*) no grant will be given where the Forest Department intend to make a forest reserve;

(*b*) no grant will be given on such a place as will unduly circumscribe the extension of cultivation of the grazing grounds of any neighbouring village or hamlet;

(*c*) grants facing a road or navigable stream will have to be of a depth double the length facing such road or navigable stream;

(*d*) small strips will be reserved leading to landing places for the benefit of neighbouring villages and grantees.

VI.—The Government is now spending much larger sums than heretofore on roads in the Tavoy district. If planters settle in the district, further funds will be allotted for roads from their neighbourhood to the steamer station at either Tavoy or Thayetchoung.

VII.—In order to encourage pioneers in the coffee and cinchona enterprise in Tavoy, the Government will pay to the first four grantees who begin *bonâ fide* planting operations Rs. 15 per head for every Indian or Chinese coolie, male or female, over 16 years of age, who may be settled and housed on their plantations before the 1st March 1885.

VIII.—In any case of doubt regarding the *bonâ fide* character of operations for the purposes of concessions III and VII, the Deputy Commissioner will decide, and his decision will be subject to appeal to the Commissioner of Tenasserim, whose decision will be final.

IX.—All minerals and metals under and within the lands granted under these rules are reserved by Government, together with a right to enter upon and resume such portion of land as may be necessary for examining or working mines upon payment of just compensation to the grantee for loss of, or injury done to, the surface.

G. D. BURGESS,
Secy. to the Chief Commr., British Burma.

The 6th April 1882.

GOVERNMENT CINCHONA FEBRIFUGE.

This preparation is an efficient substitute for Quinine and can be purchased by Government officers for public and charitable purposes, and by any one taking *twenty pounds* at a time, from the Superintendent, Botanical Garden, Calcutta, *for cash only*, at the following rates:—per four ounce tin, *Rs. 4-8;* per eight ounce tin, *Rs. 8-8;* per pound tin, *Rs. 16-8.* The general public can be supplied by the Superintendent, Botanical Garden, *for cash only*, at the under-noted rates:—per four ounce tin *Rs. 5-8;* per eight ounce tin *Rs. 10-8;* per pound tin, *Rs. 20.* This medicine is also sold by the principal European and Native druggists in Calcutta. Postage 8 annas per four and eight ounce tins, and 12 annas per pound tin, in addition to the foregoing rates.

گورنمنٹ سنکونا فبري فيوج

يهه دوا كونينائين كا خوب قائم مقام هى اور كلكته ے بوٹانكل گارڈن يعنے كمپني باغ ے سپرنٹنڈنٹ صاحب سے هرايك ملازم سركاري واسطے سركاري كام اور خيرات ے اور سيواے اونكے جو كوئي ايك هشت بيس پونڈ خريد ليے سے بقيمت نقد حسب نرخ ديل خريد كرسكتے هين يعنے نرخ چار اونس ے ٹين كا چار روپيه آٹهه آنه ; آٹهه اونس ے ٹين كا آٹهه روپيه پهه آنه ; ايك پونڈ ے ٹين كا سوله روپيه آٹهه آنه

اور عوام الناس بوٹانكل گارڈن يعنے كمپني باغ ے سپرنٹنڈنٹ صاحب سے بقيمت نقد حسب نرخ ديل خريد كرسكتے هين يعنے نرخ چار اونس ٹين كا پانچ روپيه آٹهه آنه ; آٹهه اونس ے ٹين كا دس روپيه آٹهه آنه ; ايك پونڈ ے ٹين كا بيس روپيه

يهه دوا كلكته ے بڑے بڑے ولايتي اور ديسي دواخانوںمين بهتي هى ماسيواے قيمت مذكورۂ بالا ے محصول ڈاك چار اور آٹهه اونس ے ٹين كا آٹهه آنه ; اور ايك پونڈ ے ٹين كا باره آنه

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The following publications of the Meteorological Office of the Government of India are on sale and can be procured at the Meteorological Office, No. 4, Middleton Row, or either at

Messrs. Thacker, Spink & Co., or at Messrs. Brown & Co., at the prices noted against them :—

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HENRY F. BLANFORD,
Meteorological Reporter to Government of India.

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„ 2. Cancelled; superseded by Notice No. 8 *Annas 4.*
„ 3. Cancelled; superseded by Notice No. 18. *Annas 4.*
„ 4. Cancelled; superseded by Notice No. 23. *Annas 4.*
„ 5 Kyouk Phyou Harbour. *Annas 4.*
„ 6. Salween (Maulmain) River. *Annas 4.*
„ 7. Approaches to Point de Galle Harbour. *Annas 4.*
„ 8. Mergui Archipelago. Pages 7 to 10 of this Notice superseded by Notice No. 18. *Annas 4.*
„ 9. Indus Banks and Kurrachee. *Annas 4.*
„ 10. Pámban (Paumben) Pass. *Annas 4.*
„ 11. Andaman Islands. *Annas 4.*
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„ 13. Red Sea. Navigation, inshore Passages, 1878. *Annas 4.*
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„ 18. Coast of Siam, including Junkseylon and adjacent islands. *Annas 4.*
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„ 20. India, West Coast, the coast from Kundari Island to Chaul, and the harbours of Dabhol and Jaygad. *Annas 4.*
„ 21. Arabian Coast, Rás Matbakh, 1880. *Annas 4.*
„ 22. Red Sea. Notes from various sources, 1880. *Annas 4*
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„ 5. (1) Fixed Light at Vizagapatam.
(2) Coral Shoal of Caltura, Ceylon.
(3) Rock off Barberyn Island.
„ 6. Foundering of the Buoy Vessel *Mata Mata*, Rangoon.
„ 7. (1) Revolving Light near Acheen Head, Malacca Strait.
(2) Auxiliary Light to above.

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„ 2. Exhibition of Hope Island Light, Coromandel Coast.
„ 3. Prohibited anchorage near the British Indian Submarine Telegraph Cable, Madras.
„ 4. (1) Pulo Brasse auxiliary Light, Malacca Strait.
(2) Island between Pulo Nias and Sumatra.
„ 5. Vessels trading to Réunion, Indian Ocean.
„ 6. Replacement of the Buoy on the western edge of Dolphin Shoal, Chittagong Coast.
„ 7. China Bakeer Light, Martaban Gulf.
(2) Intended exhibition of Light on the Oyster Reef, Akyab.
„ 8. Fixed white Light at Verawal.
„ 9. Buoyage of Kyouk Phyou, British Burma.
„ 10. Fixed white Light at Bet or Beyt (Gulf of Cutch) Kattywar.
„ 11. Fixed white Light at Porbandar, Kattywar.
„ 12. (1) Displacement of the Buoy in Narakel Roadstead, Cochin.
(2) Buoy marking the Smooth-water anchorage to the southward of Alipee (Aulapolay), Travancore.
„ 13. (1) Intended Light on Pulo Pisang, Malacca Strait.
(2) Sunken reef in Siberoet Strait, Sumatra, West Coast.
„ 14. Deposit of stone mound at the end of the breakwater Colombo, Ceylon.
„ 15. Period of exhibition of the *blue* Light during the South-west monsoon, from the Eastern Channel Light-vessel at the entrance to River Hooghly.
„ 16. Rock near west end of Pulo Brasse.
„ 17. (1) Beacon on two fathom patch off Batticaloa Road, Ceylon.
(2) Suspension of Light at Vizagapatam.
„ 18. Directions for Kurrachee Harbour.
„ 19. Beacon on two fathom patch off Batticaloa Road, Ceylon.
„ 20. Fixed Light at Calingapatam Point, Coromandel Coast.

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„ 5. Extension of the Hajamri Mouth of the River Indus.
„ 6. Red Lights at Port Victoria, Mahé, Seychelles.
„ 7. Light at Port Berbereh, Gulf of Aden.
„ 8. Rock off Hingie Island, Bassein River.
„ 9. Rock off Pegu Coast.
„ 10. Coral Patch near Sultan Shoal, Singapore Strait.
„ 11. "Intermediate" Light-ship, entrance to River Hooghly.
„ 12. Position of Cochin Light-house.
„ 13. Position of Raleigh Rock, and additional beacons, Bombay.
„ 14. Buoy, marking Gindurah Rock, Galle.
„ 15. Alteration in Manora Point Light, Kurrachee; and discovery of a bank near Towak Island, Red Sea.
„ 16. Dangerous rocks in Forrest Strait, Mergui Archipelago and Richelieu Rock off Kopah Inlet.
„ 17. Alteration in position of "Intermediate" Light-ship, entrance to River Hooghly.
„ 18. Destruction of the Krishna Shoal Light house.
„ 19. Correct position of Santipilly Light-house.
„ 20. Anchorage Buoys in Madras Roadstead.
„ 21. Light-vessel near Krishna Shoal, Burma.
„ 22. Additional information, Krishna Shoal Light-vessel and Light at Pooree.
„ 23. Alteration of position of Chittagong Lights.
„ 24. Night Signals shown by British Pilot Vessels in the English Channel.

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No. 1. Position of Middle Ground, Bombay.
„ 2. Error in position of Krishna Shoal Light-vessel.
„ 3. New Lights in Sunda Strait, &c.
„ 4. Corrected position of Krishna Shoal Light-vessel.
„ 5. Alteration of colour of Chittagong beacons, and intended alteration in Dolphin Rock Light, Bombay.
„ 6. Alteration of Malwan Light.
„ 7. Kintoun Light-vessel, Yang-tse-Kiang.
„ 8. Burgess Rock off Hingie Island, Bassein River, Burma.
„ 9. Fairway Buoy at False Point, Orissa.
„ 10. (1) Intended Light and Fog Signal on Little Basses Rocks, Ceylon.
(2) Intended alteration in Great Basses Rocks Fog Signal.
„ 11. Corrected positions of Zebayir Islands; Jebel Zukur and the Hánish Islands, Red Sea.
„ 12. Fog Signals and distinguishing marks for Light-vessels, River Hooghly.
„ 13. Exhibition of Light on Little Basses Rocks, Ceylon.
„ 14. Beacon on Chaul Kadu Rock, Bombay.
„ 15. Shoal near Tumb Island (Jazirat Tanb), Persian Gulf.
„ 16. Light at Bat icaloa, Ceylon.
„ 17. Upper Gasper Light-vessel, entrance to river Hooghly.
„ 18. Red Lights on North Groyne of Harbour Works, Madras.
„ 19. Reported shoal, N. N. E. of Bahrein, Persian Gulf.
„ 20. Alteration of colour of Light at Klang Strait, Strait of Malacca.
„ 21. Additional information concerning the reported shoal, N. N. E. of Bahrein.
„ 22. Deposit of stone, eastward of Harbour Works, Madras.
„ 23. Reported Shoal, North-West of Cheduba Island.
„ 24. Exhibition of blue Lights and Maroons at Krishna Shoal Light-vessel.
„ 25. Deposit of stone, eastward of Harbour Works, Madras (additional information).
„ 26. Vessels prohibited from anchoring near the Sub-marine Telegraph Cable between Diamond Island and the mainland.
„ 27. Intended exhibition of a revolving Light at Vakalapudi, in the Godavery District.

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„ 2. Sunken danger in Mergui Archipelago.
„ 3. Revolving Light at Vacalapudi in the Godavery District.
„ 4. Intended alteration in False Point Light.
„ 5. Shifting of the entrances to Honore (Honawar) and Mangalore, on the Malabar Coast.
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„ 7. Fixed Light at the entrance to Toona Creek in the Gulf of Cutch.
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„ 11. Shoal coral ground in Strait of Banka.
„ 12 Delagoa Bay. Removal of Cockburn Light-vessel in bad weather.
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(2) Fixed Light on Flat-top Islet—Pioneer River—Rocky Islets.
(3) Revolving Light on Low Isles—Trinity Bay.
(4) Leading Lights at Cook Town—Endeavour River Entrance—Cook Harbour.
„ 14. Sunken dangers between Alguada Reefs and Diamond Island—Bay of Bengal.
„ 15. Flashing white Light on Puysegur Point—New Zealand.
„ 16. Dangerous rocks, N. N. W. and S. E. of the southernmost of the Brothers Islands—Andaman Islands.
„ 17. Australia—South Coast—Gulf of St. Vincent.
(1) Prohibited anchorage near Telegraph Cable, Port Phillip.
(2) Buoys marking battery practice range at William's Town.
(3) Fixed and Flashing Light on North Reef.
„ 18. Longitude of the Time Ball, Calcutta, and of Saugor Light-house, River Hooghly.
„ 19. (1) Discontinuance of additional Light at Fourth Point- Sunda Strait—Java.
(2) Shoal in the Fairway to Batavia Road.
(3) Fixed Light on Meinder's Reef—Madura Strait.
„ 20. (1) Shoal ground westward of Durnford Point—South Coast of Africa.
(2) Distinguishing features marking the entrance to Tugela River.
(3) Distinguishing entrance to Umhloti River.
„ 21. Buoys off Karwar Harbour (Sadashigar).
„ 22. (1) Alterations in Lights at St. Paul and St. Denis, Réunion Island.
(2) Harbour Light at St. Pierre.
„ 23. Buoys off Kárwar Harbour (Sadashigar).
„ 24. Buoys and Beacons, Zanzibar Harbour.
„ 25. Alteration of False Point Light—Coast of Orissa.
„ 26. Red Buoy marking smooth-water anchorage off Porcaud, Alleppey.
„ 27. Change in the Anchorge Limits of the Port of Madras.
„ 28. Intended discontinuance of Light at El-weg (Sherm Wej-h), Red Sea.
„ 29. Interval of intended exhibition of blue Lights and Rockets at False Point Light-house.
„ 30. Replacing of the buoys at the entrance to Cochin Harbour and extinguishing of Narrakel Light.
„ 31. Range of visibility of the Light exhibited from Krishna Shoal Light-vessel.
„ 32. Light at Batticaloa.
„ 33. Black buoys laid down in Calicut Roadstead to mark the limits of foul ground.
„ 34. Light at Batticaloa.
„ 35. Replacing of the buoys off Karwar Harbour (Sadashigar)
„ 36 Telegraph buoy, south of Aden.
„ 37. Black buoy off Point Gordeware (Godavery).
„ 38. Light at Batticaloa.
„ 39. Exhibition of a leading Light in Suez Bay.
„ 40. Madras Semaphore.
„ 41. Black buoy off Point Gordeware (Godavery).
„ 42. Madras Semaphore.
„ 43. Buoys at Calicut.

Notices to Mariners issued during the year 1880—

No. 1. Prohibited anchorage near the telegraph cables in Zanzibar Harbour.
„ 2. Discontinuance of Maroon Lights at Krishna Shoal Light-vessel.
„ 3. Exhibition of the new fixed Light at False Point.
„ 4. Extension of the period of exhibition of the "Intermediate" Light at the entrance to the Hooghly River.
„ 5. Alterations in the position and visibility of the Light exhibited from Port Canning, Singapore.
„ 6. Alteration of position and elevation of the red Light at Cannanore.
„ 7. Discontinuance of the exhibition of Maroons from the Light-vessels of the Hooghly River
„ 8. Fixed Light at Tolkeshwar, Dadhol or Anjanvel.
„ 9. Lights at Port Ibrahim, Suez.
„ 10. Changes in the buoyage of the port, Madras.
„ 11. Intended alteration of Kenery (Kundari) Island Light.
„ 12. Flashing Light on Flat Cape, Sunda Strait.
„ 13. Destruction of First Point Light house, Java.
„ 14. Harbour Light at Beliling, Baly Island.
„ 15. Position of Gwalia Reef, Carimata Strait.
„ 16. Position of Parkin Rock, Hanish Islands, Red Sea.
„ 17. Shoal south-west of Barren Islands, west coast of Madagascar.
„ 18. Intended alteration in Light apparatus at Calicut.
„ 19. Lights at Port Ibrahim, Suez (additional information).
„ 20. Intermittent flashing Light on Pulo Undan, Malacca Strait.

Notices to Mariners issued during the year 1881—

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„ 2. Rules for regulating the entry and departure of vessels using Madras Harbour.
„ 3. Re-exhibition of Light on First Point, Java.
„ 4. Light at Tagal, Java.
„ 5. Beacon on Borongo Island, Akyab.
„ 6. Discontinuance of Armeghon light and intended change of colour of Pulicat Light.
„ 7. Tidal semaphore at entrance to Chittagong River.
„ 8. Alteration of colour of Light at Ratnagiri.
„ 9. Red Light on Colombo breakwater.
„ 10. Red buoy off Godavery Point, Cocanada.
„ 11. Alterations to Lights at Paumben and Tellicherry.
„ 12. Particulars of Light at First Point, Java.
„ 13. Alteration in character of Light at Flat Cape, Sumatra.
„ 14. Removal of north buoy, Madras Harbour.
„ 15. Range of visibility of the light at Paumben.
„ 16. Beacons for clearing the south-west Prong, Bombay Harbour.
„ 17. Lights at Zanzibar.
„ 18. Gas buoy at entrance to Port Said, Suez Canal.
„ 19. Revolving light at Armeghon.
„ 20. Beacon on Tucker's patch, Bombay Harbour.
„ 21. Fixed Light at Pulicat.
„ 22. Fixed Light at Ratnagiri.
„ 23. Occasional observation of light at False Point.
„ 24. Breaking adrift of Kárwar rock buoy, Kárwar or Sadashivgad.
„ 25. Date of exhibition of permanent white Light at Calicut.
„ 26. Alteration of colour of Katubdea Light-house, Chittagong coast.
„ 27. Exhibition of red and green Lights at Pondicherry.
„ 28. New beacon on Kal-ah-kebirah Shoal, Gulf of Suez.
„ 29. Reported coral reef off Batticaloa.
„ 30. Revised rules for vessels using Madras Harbour.
„ 31. Wreck buoy to mark wreck of Mariana, Madras Coast.
„ 32. Removal of the Red Buoy off the head of the South Harbour Pier, Madras.
„ 33. Temporary exhibition of a small dioptric Light at the Eastern Grove Light-house, at the entrance to the Rangoon River.
„ 34. Reported incorrect position of Crocodile Rock, Cadiapatam or Muttum Point.
„ 35. Replacing of Kárwar Rock buoy, Kárwar or Sadashivgad.
„ 36. Date of re-exhibition of the permanent Light at Eastern Grove, at the entrance to the Rangoon River.
„ 37. Position of the anchorage buoy at Beypore.
„ 38. Buoys laid down to mark the entrance to the Madras Harbour.
„ 39. Wreck in Negapatam Roadstead.
„ 40. Revolving Light to be exhibited from a Light-vessel to be anchored off the Formosa Bank, Malacca Strait.

Notices to Mariners issued during the year 1882—

No. 1. Fixed Red Light exhibited from Fort Point, Georgetown, Penang, or Prince of Wales' Island.
„ 2. System of Buoyage in Indian Waters.
„ 3. Mark for clearing the southern end of Point Pedro Shoals, north-east coast of Ceylon.
„ 4. Position of Wreck in Negapatam Roadstead.
„ 5. Light-house building on sunk rock, Bombay Harbour.
„ 6. Dangerous rock off Modeshwur Cape, Canara Coast.
„ 7. Fishing stakes in the approaches to Bombay Harbour.
„ 8. Erection of a pillar to mark the southern boundary of the port of Beypore.
„ 9. Changes in the bar at the entrance to the Chittagong River.
„ 10. Position of the Pilot's Ridge Light-vessel in the approaches to the Hooghly River.
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The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, MAY 13, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART III.

Advertisements and Notices by Private Individuals and Corporations.

UNCOVENANTED SERVICE FAMILY PENSION FUND.

Abstract Statement of the Uncovenanted Service Family Pension Fund for the 2nd quarter ending 31st October 1881, compared with the corresponding quarter of the year 1880.

PARTICULARS.	For the 2nd quarter ending 31st October 1881.	For the 2nd quarter ending 31st October 1880.	Increase.	Decrease.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Balance at credit of the Fund on the Government books at the end of the previous quarter	73,21,367 13 2	68,51,874 1 0	4,69,493 12 2	...
ADD RECEIPTS—				
Subscriptions from August to October in the Widows' Fund ...	1,11,716 1 4	1,10,327 4 9	1,388 12 7	...
Ditto ditto Children's Fund ...	75,689 9 9	74,352 10 9	1,336 15 0	...
Entrance fees, &c., ditto	561 15 0	331 10 0	230 5 0	...
Amount written back from Interest on Reserve Fund and Divisible Surplus	285 0 0	128 4 0	156 12 0	...
TOTAL RECEIPTS ...	1,88,252 10 1	1,85,139 13 6	3,112 12 7	...
GRAND TOTAL ...	75,09,620 7 3	70,37,013 14 6	4,72,606 8 9	...
DEDUCT PAYMENTS—				
Pensions paid to incumbents in the Widows' Fund	76,202 12 9	71,320 1 3	4,882 11 6	...
Ditto ditto Children's Fund	52,233 12 11	52,204 11 7	29 1 4	...
Establishment, including office rent and contingencies	17,784 15 6	15,995 12 8	1,789 2 10*	...
TOTAL PAYMENTS ...	1,46,221 9 2	1,39,520 9 6	6,700 15 8	...
Net balance in favour of the Fund, exclusive of Interest upon Capital	73,63,398 14 1	68,97,493 5 0	4,65,905 9 1	...
Proportion of Interest on Reserve Fund payable to Subscribers ...	28,908 0 0	33,282 12 0	...	4,374 12 0

	Widows' Fund.	Children's Fund.	Widows' Fund.	Children's Fund.	Widows' Fund.	Children's Fund.
Number of Subscribers	1,467	970	1,443	958	24	12
Ditto of Incumbents	361	560	339	552	22	8
Ditto of Subscribers sharing interest on Reserve Fund	932	634	864	590	68	44

* Chiefly due to loss in exchange.

G. W. MACLEOD, *Accountant.*

H. RONALDSON, JAMES BELL, } *Auditors.*

Published by order of the Directors,

W. H. RYLAND,

Secretary,

Uncovenanted Service Family Pension Fund.

U. S. F. P. FUND OFFICE,

The 20th April 1882.

NOTIFICATION.

With the consent of the Government of India, the Government of His Highness the Maharaja of Mysore is prepared to receive tenders for a Debenture Loan of (Rs. 20,00,000) twenty lakhs of Rupees on the security of the general revenues of the Mysore Province. The amount of the Loan is to be expended entirely on the construction of an important line of railway from Bangalore to Tiptoor, a distance of about 85 miles.

2. Debentures will be issued for the said amount bearing interest at the rate of five per cent. per annum, payable half-yearly on the 15th February and 15th August of each year and having a currency of twenty years. The interest will be payable at any of the Government Treasuries of the Mysore Province or at the Banks of Bengal, Madras or Bombay and their branches.

3. The form of Debenture Bonds will be that given below. Each Debenture will be issued for the sum of Rs. (500) five hundred, or some multiple of Rs. 500.

4. Tenders for the whole or any part of the above-named sum of Rs. (20,00,000) twenty lakhs will be received by the Comptroller to the Mysore Government at Bangalore up to noon on the 1st July 1882.

5. Each tender should be in the form hereto annexed, and enclosed in a sealed cover superscribed "Tender for the Mysore Railway Loan of 1882," and sent to the Comptroller to the Government of Mysore at Bangalore.

6. The tenders will be opened at the Dewan's Office at Bangalore in the presence of the Dewan and other members of the Mysore Government on the 1st July 1882 at noon, a minimum rate having first been fixed by the Dewan.

7. Each tender must be accompanied by the deposit of a sum equal to 2 per cent. of the amount tendered. Such deposit may be made by paying the amount to the credit of the Dewan of Mysore at the Banks of Bengal, Madras and Bombay, or at any of their branches, or at any of the Treasuries of the Mysore Government, and forwarding with the tender the receipt of such Bank or Treasury or by a Money Order payable to the Dewan of Mysore, or by Government of India Promissory Notes duly endorsed in favor of the Dewan of Mysore.

8. If the tender be accepted either in whole or in part, the deposit made will be taken in part payment, and the tenderer must arrange for the payment of the remainder of the amount of the loan allotted to him on or before the 15th August 1882 into any of the Treasuries of the Mysore Government, or into the Banks of Bengal, Madras or Bombay or any of their branches to the credit of the Dewan of Mysore, failing which the deposit made will be forfeited.

9. Debentures will be issued as soon as possible after receipt of the amount of allotment.

10. The deposit on tenders which may not be accepted will be returned on application.

11. In the case of two or more tenders at the same rate (not being below the minimum), a *pro rata* allotment will, if necessary, be made.

12. The rate stated in a tender must not contain any fraction of an anna; if a rate containing a fraction of an anna is inserted in any tender, such fraction will be struck out, and the tender treated as if the rate did not contain such fraction of an anna.

13. In order to avoid mistakes, a separate tender must be made at each rate tendered, and a separate deposit must accompany each tender.

14. The annual revenues of the Mysore Province amount at present to Rs. 1,06,00,000 (one hundred and six lakhs of Rupees), and are expected to yield an annual surplus of five lakhs after defraying all charges and providing for repayments on account of the Famine Loan due to the Government of India.

15. Arrangements will be made for securing negotiability to the Debentures in British India free of Stamp Duty.

C. RANGACHARLU,
Dewan.

OFFICE OF THE DEWAN OF MYSORE,
BANGALORE,
The 1st May 1882.

Form of Tender.

I hereby tender for Rupees of the Loan advertized in the Notification of the Dewan of Mysore, dated 1st May 1882, and agree to pay the same subject to the conditions notified, at the rate of Rupees for every Rs. 100 allotted to me.

I enclose on account of the required deposit of 2 per cent. on the amount tendered (*here enter particulars of deposit*), and engage, if my offer is accepted, to pay the remainder of the amount of the Loan allotted to me on or before the 15th August 1882, in the manner prescribed in the Notification. Any allotment made to me may be communicated to the following address.

Signature.
Full address.

Form of Debenture.

MYSORE RAILWAY FIVE PER CENT. LOAN, 1882.

Bangalore, *1882.*

No.

The Government of His Highness the Maharaja of Mysore, in consideration of the sum of Rupees received from
promise to pay to the said
or order the sum of Rupees
twenty years after the date hereof, together with interest at the rate of five per centum per annum, payable half-yearly on 15th February and 15th August.

SUPPLEMENT TO

The Gazette of India.

Nº 19.} CALCUTTA, SATURDAY, MAY 13, 1882.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

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No Official Orders or Notifications, the publication of which in the GAZETTE OF INDIA *is required by Law, or which it has been customary to publish in the* CALCUTTA GAZETTE, *will be included in the* SUPPLEMENT. *For such Orders and Notifications the body of the* GAZETTE *must be looked to.*

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

CIVIL WORKS.

Telegraph.

ADMINISTRATION REPORT OF THE INDIAN TELEGRAPH DEPARTMENT FOR THE YEAR 1880-81.

Nos. 186-202T., dated Simla, the 29th April 1882.

RESOLUTION—By the Government of India, Public Works Department.

Read—

Letter No. 601T., dated the 10th January 1882, from the Director General of Telegraphs, together with its enclosure, the Administration Report of the Indian Telegraph Department for the year 1880-81.

RESOLUTION.—The result of operations for the five years from 1876-77 to 1880-81 shows that, in the year under review, the surplus of revenue receipts over the charges has for the first time more than covered the interest on the capital, calculated at the rate of 4½ per cent.

2. The surplus, after deducting interest, is Rs. 2,01,556, which is highly satisfactory, even allowing for the reduction of the total capital expenditure, which has been effected under the orders of Government for the recasting of the Capital Account of the Department. Under these orders the Capital Account has been reduced from Rs. 3,41,02,791, at which it stood in 1879-80, to Rs. 2,54,95 420 at the close of the year under review, the cost of abandoned lines having been struck out of the account.

3. The Ceylon Government resumed charge of its telegraph system from the 1st July 1880.

4. Some lines in Biluchistan and Afghanistan were abandoned during the year, and owing to this, and the transfer of the Ceylon Telegraphs, the line mileage has been reduced from 20,468 to 19,679; but the erection of additional wires on existing posts, &c., has increased the wire mileage from 51,945 to 54,433.

5. The value of stores purchased in India bears as yet a very small proportion (only about 15 per cent.) to those purchased in London. The quality of stores required for the Department is not such as can, as a rule, be procured in India.

6. Certain alterations in the Inland Tariff came into operation on the 1st April 1880, generally resulting in a reduction of charges. Notwithstanding this, however, the total number and value of paid messages exceeded those of the previous year.

7. The changes in the Foreign Tariff tended rather to an increase in the rates, but the percentages, both of number and value, were considerably greater than those of the previous year.

8. The average speed of transmission of messages over the main lines is, on the whole, satisfactory, as is also the fact that fewer interruptions to traffic occurred than in the previous years.

9. The report under review is noticeable as containing a reference to telephones, which have already been established in Simla, and were also used during the siege of Kandahar in August 1880.

10. The reorganisation of the Telegraph Department was sanctioned in the year under review, but was allowed to have retrospective effect from the 1st April 1880.

11. In future reports, one system of orthography should be adopted, and also one system of nomenclature for the different lines. At present, in some cases, the same names are differently spelt, and the same lines are differently named.

12. Private lines should in future be kept distinct from local lines, and the telephone lines separate from both.

13. Diagram B should also in future reports show the capital cost of telegraph lines, as well as the total collections.

14. The Government of India records, with much satisfaction, its appreciation of the able manner in which the Department has been administered during the year, and of the results of the year's operations.

Madras, Bombay, Bengal, North-Western Provinces and Oudh, Punjab, Central Provinces, British Burma, Assam, Hyderabad, Central India, and Rajputana.

ORDER.—Ordered, that copies of this Resolution and of the Report be forwarded to the Secretary of State, and to the Local Governments and Administrations noted in the margin, and to the Government of Ceylon and the Commissioner in Sind.

Also, to the Foreign Department for communication to the Resident at Mysore and Coorg.

Also, that a copy of this Resolution be forwarded to the Director General of Telegraphs for information and guidance.

Also, that a copy of this Resolution and of the Report and Appendices A, B and F, be forwarded to the Home Department of the Government of India for information, and be published in the *Gazette of India*.

W. S. TREVOR, *Colonel, R. E.,*

Secretary to the Government of India.

ADMINISTRATION REPORT

OF

THE INDIAN TELEGRAPH DEPARTMENT

FOR

1880-81.

THE operations of the Department for the year 1880-81 continue to be satisfactory, and, by a most singular coincidence, show precisely the same total result as that of last year, *viz.*, a surplus of earnings over working expenses of Rs. 13,19,363,* the total working expenses being Rs. 32,00,967 and the earnings Rs. 45,20,330. In reality the results are more satisfactory than those of last year, inasmuch as the same net profit has been arrived at, though the value of free copies of Government and Press messages, credited to Revenue in previous years, has been omitted from the accounts of the present year.

2. The number of paid telegrams increased from 1,562,511 in 1879-80 to 1,656,230, of which latter 1,358,477 were inland and 297,753 foreign.

3. The miles of lines decreased from 20,468 to 19,679, and the miles of wires increased from 51,945 to 54,433. In addition 1,655 miles of wire, not the property of Government, were maintained by the Department for the service of Railway Companies, as against 1,761 during the previous year. The decrease in the miles of lines is owing to the re-transfer to the Ceylon Government of the lines in Ceylon, and also to the dismantling of the lines in Afghanistan. The increase in the mileage of wire is due to the erection of additional wires on the existing supports. The decrease in the mileage of wire, not the property of Government but maintained by this Department, is also due to the re-transfer to the Ceylon Government of the Ceylon Railway lines.

4. The number of Departmental Offices decreased from 276 to 254, and at the close of the year 680 Railway Telegraph Offices were technically supervised by the Department as against 633 during the previous year.

5. Notwithstanding the increase of traffic, the speed of transmission has been well maintained, and on the main routes, Calcutta to Bombay and Calcutta to Madras, has slightly increased. Details will be found at paragraph 27.

* After providing for a loss of Rs. 10,804 sustained in working the Ceylon system of Telegraphs for three months 1st April to 30th June 1880.

6. A clear idea of the progress that has been made year by year will be readily obtained from the following table and from diagrams A, B, C, attached to this Report:—

HEADS OF FINANCIAL RESULTS.	1871-72.	1872-73.	1873-74.	1874-75.	1875-76.	1876-77.	1877-78.	1878-79.	1879-80.	1880-81.
Total expenditure per message	3·69	3·69	3·44	3·15	3·11	2·48	2·30	2·24	1·93	1·93
Total receipts per message	2·55	2·67	2·69	2·66	2·62	2·48	2·44	2·68	2·77	2·73
Total expenditure per mile of line (including rented lines)	154·53	162·12	161·54	160·00	154·08	145·02	147·08	151·10	143·15	157·32
Total receipts per mile of line (including rented lines)	107·62	117·09	126·39	134·90	130·19	145·00	155·61	180·87	205·57	222·17
Total expenditure per mile of wire (including rented wires)	81·74	81·58	79·03	78·58	72·87	63·27	58·76	60·32	56·34	57·07
Total receipts per mile of wire (including rented wires)	56·94	58·92	61·84	66·26	61·58	63·26	62·17	72·20	80·90	82·37
Number of messages per mile of line (excluding rented lines)	43·04	44·27	47·56	52·12	55·40	65·26	77·47	76·66	86·80	97·64
Number of messages per mile of wire (excluding rented wires)	23·44	23·67	25·08	27·39	28·87	32·77	39·45	38·16	42·97	44·47
Number of messages per office (*paid* and *proformâ*)	3,310	3,396	3,341	3,752	4,095	4,774	5,711	5,520	5,690	6,530
Message Revenue *only* per mile of *wire* (excluding rented wires)	58·67	63·14	65·40	68·29	71·33	75·68	89·60	90·40	107·29	107·94
Message Revenue *only* per mile of *line* (excluding rented lines)	107·77	118·08	124·20	129·91	136·91	150·71	170·30	181·61	216·64	237·00
Average cost to sender per message — Inland ... State	3·78	3·33	3·26	3·38	3·07	3·24	3·86	3·55	4·09	4·13
Average cost to sender per message — Inland ... Private	1·77	1·82	1·72	1·63	1·58	1·56	1·51	1·49	1·48	1·35
Average cost to sender per message — Foreign (Indian share) State	13·30	10·07	9·35	8·47	9·10	15·08	15·86	13·17	15·04	13·80
Average cost to sender per message — Foreign (Indian share) Private	5·75	6·56	6·24	5·73	5·69	4·90	4·51	4·30	4·24	3·82

REVENUE AND EXPENDITURE.

7. The total net capital expenditure of the Department during the year amounted to Rs. 9,88,543. Under orders of Government the capital account has been reduced by deducting the cost of abandoned lines, &c., and now stands at the close of the year 1880-81 at Rs. 2,54,99,765.

8. The following is a brief statement of receipts and expenditure on revenue account of the whole Department, including India and Ceylon, for the year 1880-81:—

	India.	Ceylon.*	TOTAL.	Rs.
Expenditure in India and Ceylon	...	...	...	32,00,967
REVENUE.	Rs.	Rs.	Rs.	
Paid Messages	38,71,179	18,061	38,89,240	
State Railways	4,08,336	450	4,08,786	
Guaranteed Railways	95,096	...	95,096	
Claims from Guarantors, &c.	45,090	...	45,090	
Minor undertakings	16,973	160	17,133	
Miscellaneous	18,465	22	18,487	
TOTAL	44,55,139	18,693	44,73,832	
Add *Proformâ* Message Revenue	46,498	...	46,498	
	45,01,637	18,693	45,20,330	45,20,330
Net profit of year as per para. 1	...	...	...	13,19,363

* For three months, 1st April to 30th June 1880.

9. The following is an abstract revenue account for India only for 1880-81, with corresponding figures for 1879-80 :—

Expenditure.	1879-80.	1880-81.	Receipts.	1879-80.	1880-81.
	Rs.	Rs.		Rs.	Rs.
Repairs to Lines	1,61,385	2,46,756			
Direction	1,53,834	1,79,148	Message Revenue earned	36,58,725	38,71,179
Accounts	45,836	48,208	Receipts from State Railways for interest, maintenance of lines and offices, &c.	3,14,053	4,08,336
Superintendence	6,24,549	6,31,314			
Line Maintenance	1,21,526	1,37,985			
Check Office	41,998	44,679	Receipts from Guaranteed Railways	99,061	95,096
Signalling	16,29,544	16,90,818			
Minor Undertakings	14,804	12,032			
Railway Offices	93,503	1,51,056	Claims from Guarantors	35,401	45,090
Telegraph Stamps	8,570	6,665			
Other Items	14,443	22,809	Sales of Books, Gazettes, &c.	15,434	16,973
Total Expenditure	29,09,992	31,71,470	Miscellaneous	14,799	18,465
Net Profit	13,41,454	13,30,167	News-free and other *proformâ* Message Revenue	1,13,973	46,498
Grand Total	42,51,446	45,01,637	Total Receipts	42,51,446	45,01,637

From the foregoing statement it will be seen that the revenue expenditure this year is more than that of last year by Rs. 2,61,478. This increase is attributable to expenditure for repairs of lines and maintenance of Railway Offices being more than in the previous year, also to share of establishment, less charged to works, annual increments to signallers, &c., and return of establishment lent for Afghan War. The increase of message revenue over that of last year, excluding Ceylon, is Rs. 2,12,454. This is due to the natural growth of traffic. Receipts from Railways show an increase of Rs. 90,318. This is due to the management of additional Railways having been taken over by this Department. The *proformâ* message revenue shows a decrease of Rs. 67,475, due principally to the value of free copies of Government and Press messages having been excluded from the revenue for 1880-81.

10. Summaries of the financial results obtained in working the telegraphs in India and Ceylon for the year 1880-81 are shown in Appendix A, together with the results of the operations for the last five years.

TRAFFIC.

11. A return of the number and value of inland and foreign messages under the sub-heads "State" and "Private" will be found in Appendix B, the percentage (including Ceylon) being as follows :—

Class.	Inland.		Foreign.		Total.	
	No.	Value.	No.	Value.	No.	Value.
State	19·00	33·36	0·26	1·55	19·26	34·91
Private	63·02	36·22	17·72	28·87	80·74	65·09
Total	82·02	69·58	17·98	30·42	100·00	100·00

showing the following absolute and proportionate increase over the result of the previous year (excluding Ceylon) :—

Class of Messages.	Actual.												Percentage of											
	Increase.						Decrease.						Increase.						Decrease.					
	Inland.		Foreign.		Total.		Inland.		Foreign.		Total.		Inland.		Foreign.		Total.		Inland.		Foreign.		Total	
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.
		Rs.		Rs.		Rs.		Rs.																
State	24,957	1,13,552	1,104	11,017	26,061	1,24,569	...	...	...	...	...	...	8·64	9·59	34·42	22·65	8·93	10·10	...	...	...	...	...	...
Private	47,517	...	66,456	1,64,007	113,973	1,11,326	...	52,681	...	...	...	...	4·82	...	29·45	17·20	9·41	4·64	...	3·64	...	...	...	...
Total	72,474	1,13,552	67,560	1,75,024	140,034	2,35,895	...	52,681	...	...	...	...	5·69	2·32	29·52	17·47	9·31	6·49	...	3·64	...	...	...	...

12. The total number and value of paid messages, as compared with the previous year, were as follows:—

Year.	State.		Private.		Total.	
	No.	Value.	No.	Value.	No.	Value.
		Rs.		Rs.		Rs.
1879-80 (excluding Ceylon 12 months)	291,898	12,32,609	1,210,845	23,97,647	1,502,743	36,30,256
1880-81 (excluding Ceylon 3 months)	317,959	13,57,179	1,324,818	25,08,972	1,642,777	38,66,151

Inland Tariff.

13. The following principal changes in inland rules and rates came into operation on the 1st April 1880:—

I.—Abolition of the extra rate between India and British Burma.

II.—Abolition of the extra charge for messages sent at night and on Sundays and certain holidays.

III.—Extension of the maximum length of a message from 200 to 500 words.

IV.—Abolition of the double charge for cipher and alteration of the division in groups of figures from 5 to 3.

V.—Abolition of the charge for non-delivery report of reply-paid messages.

VI.—Second and third class offices open on Sunday mornings from 7 to 9 A.M., instead of 7 to 8 A.M.

VII.—Letter cipher inadmissible.

VIII.—Press messages charged at one rupee per 24 words during day, and one rupee for 36 words during night.

Inland Traffic.

14. The growth of the inland traffic, State and Private, since the introduction of the present tariff will be seen at a glance from the following figures:—

Year.	State.						Private.						Total paid messages.					
			Percentage of *number*, compared with previous year.		Percentage of *value*, compared with previous year.				Percentage of *number*, compared with previous year.		Percentage of *value*, compared with previous year.				Percentage of *number*, compared with previous year.		Percentage of *value*, compared with previous year.	
	Number.	Value.	Increase.	Decrease.	Increase.	Decrease.	Number.	Value.	Increase.	Decrease.	Increase.	Decrease.	Number.	Value.	Increase.	Decrease.	Increase.	Decrease.
		Rs.						Rs.						Rs.				
1872-73 .	57,448	1,01,213	9·39	...	...	3·47	548,846	9,96,150	4·93	...	7·96	...	606,294	11,87,363	5·35	...	5·94	...
1873-74 .	65,339	2,13,093	13·73	...	11·44	...	592,243	10,18,210	7·90	...	2·21	...	657,582	12,31,303	8·45	...	3·70	...
1874-75 .	77,226	2,57,315	18·19	...	20·75	...	658,522	10,73,835	11·19	...	5·46	...	735,748	13,31,150	11·89	...	8·10	...
1875-76 .	80,111	2,73,183	15·38	...	6·16	...	707,136	11,17,213	7·38	...	4·03	...	796,247	13,90,396	8·23	...	4·46	..
1876-77 .	99,003	3,21,472	11·10	...	17·68	...	874,348	13,61,173	23·64	...	21·84	...	973,351	16,82,645	22·25	...	21·02	...
1877-78 .	123,834	4,48,206	25·08	...	39·42	...	1,046,120	15,85,891	19·64	...	16·51	...	1,169,954	20,34,097	20·20	...	20·89	...
1878-79 .	209,544	7,44,177	69·21	...	66·03	...	964,307	14,34,297	...	7·82	...	9·55	1,173,851	21,78,474	0·33	...	7·10	...
1879-80 .	290,622	11,86,635	38·69	...	59·45	...	1,037,330	15,32,853	7·57	...	6 87	...	1,327,952	27,19,488	13·13	..	24·84	...
1880-81 .	314,370	12,98,222	8·64*	...	9·59*	. .	1,044,107	14,08,582	4·82*	. .	...	3·64*	1,358,477	27,06,804	5·69*	...	2·32*	...

* Excluding Ceylon, three months.

Foreign Tariff.

15. The following principal changes in foreign rules, under the London International Telegraph Convention, came into operation on the 1st of April 1880:—

I.—Proper names in any language, and words not belonging to the eight recognised languages, are inadmissible in Code Messages.

II.—Abolition of the compulsory collation charge for cipher and alteration of the divisor in groups of figures from 5 to 3.

The rules affecting Codes were enforced from 1st July 1880.

Foreign Traffic.

16. There has been an increase in foreign traffic, State and Private. The percentage of increase compared with previous years is shown in the following figures :—

YEAR.	PERCENTAGE OF INCREASE, COMPARED WITH PREVIOUS YEARS.	
	No.	Value.
1873-74 . .	12·72	7·33
1874-75 . .	15 75	6·24
1875-76 . .	8·87	8·21
1876-77 . .	22·44	5·34
1877-78 . .	38·14	27·28
1878-79 . .	5 28	0·42
1879-80 . .	18·56	16·82
1880-81 . .	29·52*	17·47*

* Excluding Ceylon, three months.

17. Appendix C shows the percentage of number of messages between India and places to the westward, by each route, for the past 10 years. The comparative results of the period under review, and of the four previous years, are as follows :—

	1876-77.	1877-78.	1878-79.	1879-80.	1880-81.
Viâ Suez .	60·22	79·10	75·04	74·88	74·44
„ Teheran .	37·57	17·72	23·07	22·64	23·52
„ Turkey .	2·21	3·18	1·89	2·48	2·04

Details of the number and value of messages to, from, and through India by each route will be found in Appendix B.

18. The following return of foreign traffic corresponds with that given in paragraph 14 for inland traffic :—

YEAR.	STATE.						PRIVATE.						TOTAL.					
	Number.	Indian share of charge.	Percentage of *number*, compared with previous year.		Percentage of *value*, compared with previous year.		Number.	Indian share of charge.	Percentage of *number*, compared with previous year.		Percentage of *value*, compared with previous year.		Number.	Indian share of charge.	Percentage of *number*, compared with previous year.		Percentage of *value*, compared with previous year.	
			Increase.	Decrease.	Increase.	Decrease.			Increase.	Decrease.	Increase.	Decrease.			Increase.	Decrease.	Increase.	Decrease.
		Rs.						Rs.						Rs.				
1872-73 .	1,211	12,196	...	32·46	...	48·80	76,883	5,03,919	...	0·9	16·64	...	78,094	5,16,115	...	1·65	13·22	...
1873-74 .	1,203	11,251	...	0 66	...	7·75	86,683	5,40,877	12 72	..	7·33	...	87,886	5,52,128	12·54	...	6 97	...
1874-75 .	1,305	11,053	8·47	...	...	1·75	100,338	5,74,675	15·75	...	6·24	...	101,643	5,85,728	15·65	...	6·09	...
1875-76 .	1,875	17,076	43·67	...	54·48	...	109,247	6,21,876	8 87	...	8·21	...	111,122	6,38,952	9·32	..	9 69	...
1876-77 .	1,914	28,867	2·08	...	69·06	...	133,771	6,55,074	22·44	...	5·34	...	135,685	6,83,941	22·10	..	7·05	...
1877-78 .	2,259	35,827	18·02	...	24·11	...	184,801	8,33,778	38·14	...	27·28	...	187,060	8,69,605	37·86	...	27·14	...
1878-79 .	3,807	43,568	21·60	...	46·39	...	194,563	8,37,345	0 42	...	5·28	...	197,870	8,80,913	5·78	..	1·30	...
1879-80 .	3,272	49,232	...	1·05	13·00	...	231,287	9,79,809	18·87	...	17 01	...	234,559	10,29,041	18·56	...	16·82	...
1880-81 .	4,334	59,807	34·42*	...	22·65*	...	293,419	11,22,629	29·45*		17·20*	...	297,753	11,82,436	29·52*	...	17·47*	.

* Excluding Ceylon, three months.

19. Diagrams A and B give the number and value, respectively, of inland and foreign paid messages from year to year, as far back as the record is available.

Principal extensions in foreign lines and alterations in tariffs.

20. *April 1880.*—Anglo-American Company laid a new cable from Valentia to Newfoundland. A cable was laid between Hong-Kong and Manilla, and communication was opened with places in the Phillipine Islands. The word rate was adopted by New Zealand.

1st May 1880.—The French Atlantic Cable Company reduced their tariff from 3 Frs. 75 cts. to 2 Frs. 50 cts. per word.

1st June 1880.—The direct United States Cable Company reduced their tariff from 3 Frs. 75 cts. to 2 Frs. 50 cts. per word.

1st July 1880.—The direct United States Cable Company reduced their tariff from 2 Frs. 50 cts. to 1 Fr. 90 cts. per word.

1st October 1880.—The direct United States Cable Company increased their tariff from 1 Fr. 90 cts. to 2 Fr. 50 cts. per word.

12th November 1880.—The Anglo-American Company's cable between Brest and St. Pierre was interrupted, and in consequence the tariff *vid* Valentia was increased from Frs. 0·60 to 2 Frs. 50 cts. per word.

March 1?81.—A cable was laid on the Coast of Mexico from Matamoras to Tampico and Vera-Cruz.

31st March 1881.—The tariff to North America by all routes was made uniform, *viz.*, 2 Frs. 50 cts. per word.

Signal Offices.

21. Appendix D is a classified abstract of signal offices, according to the amount of traffic originating at each for the past eight years.

22. Appendix E shows the number of offices in each division open at the end of the year 1880-81. The following were opened and closed during the year :—

Opened.	Date.	Closed.	Date.
Kohima	30th April.	Nichuguard	28th April.
Ocssoor	1st May.	Hurriajan	20th May.
Ngathineyoung	21st June.	Barikab	14th ditto.
Dhurmsala	7th ditto.	Pherrima	15th June.
Kirkee	29th July.	Mirzapore	19th ditto.
Tank	15th ditto.	Cawnpore City	17th ditto.
Gulistan Karez	4th August.	Anuradhapura	Ceylon offices re-transferred to Colonial Government from 1st July 1880.
Kach	28th September.	Badulla	
Karikal	4th October.	Batticaloa	
Pir Chowkey	14th ditto.	Colombo	
No. 4, Park Street (Calcutta)	30th December.	Gallo	
Kochali	24th January.	Gampola	
No. 37, Khengra Puttee, Burra Bazar (Calcutta)	7th ditto.	Jaffna	
No. 10, Upper Circular Road (Calcutta)	8th ditto.	Kalutara	
Ahmednuggur	10th ditto.	Kandy	
Sholapore	22nd ditto.	Mansar	
Mount Road (Madras)	1st ditto.	Matalle	
Bukloh	22nd ditto.	Nawalapitya	
Moombadavie (Bombay)	15th February.	Newera Ellya	
Colaba (Bombay)	17th ditto.	Trincomallee	
Dewas	20th ditto.	Bhagalpur	27th July.
Alipore (Calcutta)	31st March.	Limbdi	25th ditto.
Garden Reach (Calcutta)	12th ditto.	Kurseong	15th ditto.
Howrah (Calcutta)	23rd ditto.	Basawal	30th August.
Malabar Hill (Bombay)	2nd ditto.	Butkak	10th ditto.
Mandvie (Bombay)	15th ditto.	Cabul	10th ditto.
Fort William (Calcutta)	3rd ditto.	Gundamuk	21st ditto.
Haugu	4th ditto.	Jagdallak	13th ditto.
Ahmedabad Camp	26th ditto.	Jellalabad	26th ditto.
		Pezwan Kotal	14th ditto.
		Lachipur	28th ditto.
		Latabund	11th ditto.
		Rozabad	23rd ditto.
		Sch Baba	10th ditto.
		Balla Hissar	10th ditto.
		Peiwar Kotal	11th September.
		Dhakka	3rd ditto.
		Pali	19th ditto.
		Budeshkheyl	18th October.
		Koorum Fort	15th ditto.
		Manduri	20th ditto.
		Bhorpatar	30th November.
		Hassan Abdul	21st ditto.
		Muttra	26th December.
		Dhoraji	19th ditto.
		Gondal	1st January.
		Shahabad	22nd ditto.
		Fatehgarh	3rd February.
		Thull	25th ditto.
		Lundi Kotal	18th March.
		Ali Musjid	19th ditto.

Number of offices open on 31st March 1880		276
Deduct—Number of offices closed and transferred during 1880-81	51	22
Add—Number of offices opened during 1880-81	29	
Number of offices open on 31st March 188		254

Complaints.

23. In Appendix F will be found particulars of all the complaints received from the public during the year, those in which this Department was concerned being separated from those chargeable to Railway or foreign Telegraph lines. For facility of comparison the figures of the previous year are given underneath in antique type.

24. The number of complaints received from the public in which this Department is concerned, compared with those received in the previous year, shows a decrease of 6 per cent. against an increase of traffic of about 6* per cent., a result which may be considered satisfactory. There is a slight increase in the Railway and foreign message complaints, but the total numbers are small.

25. The complaints of non-delivery in which this Department is concerned show a satisfactory result, as the number is less by 19 per cent. than that of the preceding year, against an increase of 5 per cent. in the total number of undelivered messages. The number of complaints rejected, being groundless and for want of documents, &c., is greater than the number of those admitted. The number of complaints under the head Miscellaneous is also less than that of last year.

26. The number of admitted complaints in which other administrations are concerned is about 51 per cent. in excess of last year, against an increase of traffic in Railway and foreign telegrams of about 23 per cent. This increase of complaints is chiefly due to the inexperience of the signalling staff on the State Railway lines.

Speed of Transmission.

27. The average time occupied in the transmission of messages over the long main routes during the year under review and the four previous years was as follows :—

	1876-77.		1877-78.		1878-79.		1879-80.		1880-81.	
	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.
Calcutta to Kurrachee	0	47	0	41	0	55	1	10	1	22
Kurrachee to Calcutta	0	44	0	26	0	29	0	45	0	59
Calcutta to Bombay	1	13	1	14	0	57	1	13	1	6
Bombay to Calcutta	1	13	1	15	0	59	1	4	1	1
Calcutta to Madras	1	51	2	28	1	22	1	27	1	14
Madras to Calcutta	1	56	2	20	1	25	1	27	1	15
Bombay to Madras	0	46	1	16	0	33	0	40	0	45
Madras to Bombay	0	48	1	8	0	38	0	48	0	49
Bombay to Kurrachee	0	47	0	43	0	41	0	43	0	53
Kurrachee to Bombay	0	47	0	28	0	31	0	37	0	48
Galle to Madras	3	8	5	6	3	27	2	59	10†	23†
Rangoon to Calcutta	11	49	7	41	2	32	3	15	2	9

* The increase of traffic, exclusive of Ceylon, is 9·3 per cent.

† Average of first three months only. Paumben cable interrupted 34 days.

The speed of transmission for the last 14 years is shown in Diagram C.

News-free Messages.

28. Reports of the state of the weather, of the arrivals of mail steamers, &c., show a decrease both in number and value, owing chiefly to the withdrawal of a large number of meteorological reports from the free list.

	No.	Value. Rs.
1879-80	7,396	61,328
1880-81	2,417	43,558
Decrease	4,979	17,770

Traffic with Railway Telegraphs.

29. Appendix G shows the number and value of messages exchanged with State and Guaranteed Railways during the past eight years. A comparison of the figures of the period under report with those of the preceding three years shews the following result:—

Particulars.	1877-78.			1878-79.			1879-80.			1880-81.		
	No.	Value.		No.	Value.		No.	Value.		No.	Value.	
		Rs.	A.		Rs.	A		Rs.	A.		Rs.	A.
Traffic exchanged with State Railways	28,985	32,339	14½	37,783	43,322	5 1/16	40,994	56,188	5½	72,135	77,528	15¾
Traffic exchanged with Guaranteed Railways	96,225	93,372	15	94,453	95,952	0	99,213	1,40,554	9	98,510	1,31,898	9¼
Total Traffic exchanged with Railways	125,210	1,25,712	13½	132,236	1,39,274	5 1/16	140,207	1,96,742	14¼	170,645	2,09,427	8 11/16

Press Messages.

30. The number and value of Press messages sent at reduced rates during the year by Reuter's Telegraph Company, and by other associations or individuals, are given in Appendix H. As compared with last year, the number is more by 848, but the value is less by Rs. 4,725. This result is due to the introduction from April last of the deferred rate for Press messages.

Undelivered Messages.

31. The number of undelivered messages during 1880-81 was 5,250, as against 4,992 of the previous year. The causes of non-delivery were as follows:—

	No.
1. Not found, address insufficient	1,282
2. Not found at address given	1,678
3. Address changed in transmission	71
4. Left station, new address not known	347
5. Left India	195
6. Left for original station	1,099
7. Refused	120
8. Returned by Dead Letter Office	194
9. Addressee, or the address given, unknown	125
10. Other reasons	139
Total	5,250

There is an absolute increase of 258 undelivered messages or 5·16 per cent. over the figures of the preceding year. Of this increase, however, the net increase under items 2, 4, 5, 6, 7 and 8, which are beyond departmental control, is 174 or 3·48 per cent.; while under items 1, 3, 9 and 10, which alone can be influenced by the action of the Department, the increase is only 84 or 1·68 per cent., against an increase of traffic of 9·31 per cent.

Interruptions on Departmental Lines.

32. The following figures show that there has been a decrease in both the number and duration of interruptions, as compared with those of previous

years. The statement includes interruptions due to extraordinary causes, details of which are given further on :—

	1877-78.	1878-79.	1879-80.	1880-81.
Total number of interruptions .	386	350	310	300
Aggregate duration, hours . .	5,790	4,910	3,900	3,200
Average duration, hours . .	15	14	12·6	10·7
Interruptions for every 100 miles of line . . .	0·92	0·80	0·59	0·54

33. The interruptions during the year due to extraordinary causes, and included in the above figures, were as follows :—

July 1880.—Between Ngathineyoung and Bassein, lasting 139 hours. Country flooded, line broken in several places and submerged. Great flood in the Irrawaddy River. The whole country below the embankment under water to a considerable depth for a mile on either side of the river.

July 1880.—Between Amritsar and Dharmsala, lasting 150 hours. Top of standard in Chukky River, 73 miles from Amritsar, broken, and about 200 yards of wire carried away by the current.

September 1880.—Between Naini Tâl and Ranikhet, lasting 328 hours. Line greatly damaged by landslips at and near Naini Tâl.

September 1880.—Between Moradabad and Naini Tâl, lasting 200 hours. The masts at the Kossee and Ramgunga Rivers were washed down by very heavy floods.

September 1880.—Between Chandausie and Bareilly and Chandausie and Aligarh, lasting 180 hours. Five posts were washed down between the 2nd and 16th mile from Chandausie during heavy floods. About 8 miles of posts and wires were also washed down by heavy floods between the Bijhoi and Babrala Railway Stations.

October 1880.—Between Naini Tâl and Ranikhet, lasting 206 hours. Continuation of previous months' interruptions caused by heavy rain and landslips at Naini Tâl.

November 1880.—Between Bangalore and Bellary, lasting 136 hours. Both wires caught in branches of a tree which was floating down the river during heavy floods near Jogunhally Tank, 87 miles from Bangalore: two posts washed down and a portion of the line imbedded in the river, and also carried away.

Signalling Establishment.

34. There were 942 departmental and 181 Military Telegraph Masters and Signallers on the strength of the establishment on the 31st March 1881, as compared with 903 and 205, respectively, on the 31st March 1880. Of the Military Telegraph Masters and Signallers, 128 were employed in departmental offices, and 53 in purely military offices.

35. In addition, 172 Military Signallers were trained during the year and obtained certificates of proficiency, and 75 were under training when the year closed.

Deaths	12
Dismissals	3
Resignations	7
Services dispensed with	2
Struck off strength of establishment . .	1
	25

36. The casualties among departmental Telegraph Masters and Signallers have been 25, as per margin, against 31 during the previous year, a percentage of 2·65 against 3·43 of last year.

Electrical.

37. In the report for 1879-80 it was stated that on the 1st of August 1879 the services of the Electrician, Mr. C. L. Schwendler, were temporarily placed at the disposal of the East Indian Railway Company for work in connection with the electric light, and that Mr. W. P. Johnston had been appointed to officiate as Electrician. Mr. Johnston continued in that appointment up to the 8th of June 1880, when he was relieved by the return to duty of Mr. Schwendler, who retained the office for the remainder of the year.

EXTENSIONS OF LINES AND WIRES AND LINE MAINTENANCE.

38. Appendix I is a classified list of all Telegraph lines in India and Burma on the 31st March 1881. The following are the total mileages of line, wire, and cable contrasted with those existing on the same date in 1880:—

	Line. Miles.	Wire. Miles.	Cable. Miles.
1879-80	20,468	51,834	111
1880-81	19,679	54,318	115

39. In addition to the above, the Department maintained 667 miles of line and 1,655 miles of wire, the property of Railway Companies, particulars of which are given in Appendix J.

40. The principal works executed in each Division are as follows:—

Arracan Division.

41. A private line of 3·7 miles in length was constructed for Messrs. Mohr Brothers at Akyab: a new cable laid across the Mayu River in place of the old India-rubber cable laid in 1870, which failed, and the India-rubber cable of 1870 across the Kureedey River repaired. The replacing of the iron-hooded insulators on sections Chittagong to Roo and Roo to Tounghoop by old pattern Prussian porcelain insulators was in progress: 282 new iron-wood posts and 4 new masts were erected in place of others that had become unserviceable, and the usual heavy jungle-clearing and repairs were carried out.

Assam Division.

42. The line from Piphima in the Naga Hills was extended to Kohima, 14·5 miles, and the whole line from Golaghat to Kohima thoroughly repaired, insulated and strengthened: the loops, Dergaon to Golaghat, and Bokakhat to Dhunsiri Mukh, made permanent, and between Bokakhat and Kohima, 25 miles of line was re-constructed and brought on to the new road owing to the old road becoming impracticable for travelling in consequence of broken bridges and growth of jungle. Improvements in the alignment of posts have also been effected generally during maintenance repairs, and a new building erected for the office at Dhubri.

Bellary Division.

43. The construction of a new line from Kolhapur to Ratnagiri, with branches thence to Chiplun northward and Rajapur southward, 154 miles in length, was commenced, and 102 miles erected by the end of the year: a third wire added to section Sattara to Kolhapur, to be in connection with the new lines, and the re-construction of the line Bangalore to Mysore, along the Mysore State Railway, was in progress.

Bengal Division.

44. Experimental local offices were opened during the year at Park Street, Burra Bazar, Sealdah, Fort William, Garden Reach, Alipore and Howrah, and in connection therewith several short lines or additional wires were erected in Calcutta and in the suburbs. A new line of two wires, 29 miles in length, along the Muttra-Hattras State Railway, from Muttra Railway Station to Hattras, East Indian Railway, and another of 12 miles with one wire from Dildarnugger to Tari Ghat, along the Dildarnugger-Ghazipur State Railway, were constructed. At Raneegunge the line through the station was dismantled, and a new line supporting both Departmental and Railway wires erected for about 3 miles. Between Kanoo Junction and Raneegunge an extra wire was put up in connection with the spare Departmental wire on the East Indian Railway Chord, and one of the East Indian Railway wires between Jamalpore and Kanoo Junction dismantled, preparatory to dismantling the whole of the East Indian Railway Telegraph loop line, the Departmental loop section, Luckeeserai to Kanoo Junction, having been made over to the East Indian Railway. The re-insulation of all wires used by the Department below Raneegunge and Sahibgunge was completed.

Bombay Division.

45. A new line with two wires, 89 miles in length, was constructed from Dhola Junction to Dhorajee along the Bhavnagar-Gondal State Railway for the use of that Railway. Consequent on the construction of this line and the line from Wudwan to Bhavnagar reported last year, the lines Limree to Wudwan, 17·2 miles, Dhundooka to Bhavnagar, 59 miles, Rajkote to Gondal, 24·6 miles, and Jaithpore to Dhorajee, 12 miles, were dismantled. A third or block wire for 145·5 miles was erected on existing posts for the use of the Dhond-Manmad State Railway. An additional wire was also erected on sections—

Poona to Callian	85·65	miles.
Callian to Bhusavul	343	"
Poona to Ahmednugger	98	"
And two wires from Callian to Dadur	28	"

and No. 5 line, Dadur to Deolalee, re-insulated.

British Burma Division.

46. A second wire for 40 miles, from the Moulmein end, was added to the Moulmein-Amherst line and thence to Tavoy, the construction of the new line was in progress, 69 miles having been completed to the end of the year. The re-construction of the line, Prome to Tounghoop, and the insulation of that from Bassein to Myogwin, completed, and five new private wires in Rangoon and two in Bassein were erected.

Dacca Division.

47. A fourth wire was erected from Barrackpore to Damookdia, and two new cables, one to replace a cable laid on 1st March 1879, which had become defective, were laid across the Ganges between Sara and Damookdia.

Ganjam Division.

48. The suspension of the second wire between Bezvada and Masulipatam, which was in progress at the close of the last official year, was completed, and the local wires of the sections Raneegunge to Midnapore and Rajahmundry to Bezvada re-insulated.

Indore Division.

49. A new three-wire line, 136 miles in length, was constructed along the Holkar and Sindia-Neemuch State Railway from Neemuch to Nusseerabad, one wire for Departmental and two for State Railway use, and an additional wire erected from the Morar Office to the Morar Railway Station, distance 2·062 miles.

Madras Division.

50. A line of two wires for the South Indian Railway was constructed from Chingleput to Conjeeverum, 21·75 miles, and a short line of 1·32 miles for a Branch Office at Madras in the Mount Road was also erected.

The 59 miles of wire erected in 1877-78 for famine purposes on the Madras Railway supports, between Salem and Erode and Coimbatore and Mettapollium, were dismantled.

Malabar Coast Division.

51. No new works of any importance were carried out in this division, but extensive repairs to the line from Tellicherry to Mercara, involving the substitution of No. 24 I. W. G. for No. 50 and the replacement of wooden tops by iron ones, were in progress.

Nagpore Division.

52. The line from Nagpur, for the use of the Railway along the Nagpur and Chhattisghur State Railway, was extended during the year for 75·5 miles to Dongerghur, and the line Itarsi to Hoshungabad along the Bhopal State

Railway, 11 miles, completed. A temporary line for 7½ miles was erected as a branch of the Nagpur-Chhattisghur State Railway line to Koka quarry. An extra wire erected between Khandwa and Bhosawul to form a portion of a through wire, Bombay to Indore, and another wire added to the section between Piparia and Itarsi in extension of the wire which places Jubbulpore in communication with Saugor and Pachmarhi. On No. 4 circuit, Bhusavul to Nagpur and Nagpur to Jubbulpore *viâ* Seoni, and also on the No. 2 circuit, Bhusavul to Khandwa, all whole hood and half hood insulators were removed, and the line Akola to Akote dismantled.

Oudh and Rohilkhund Division.

53. Owing to heavy rain in the hills, the Rivers Ramgunga at Moradabad and the Kosi, 22 miles from it on the road to Naini Tâl, were overflooded, which caused considerable damages to the spans across those rivers and to certain portions of the lines near the crossings, all of which were substantially repaired.

Punjab Division.

54. In consequence of the lines north of Lahore not being considered strong enough to stand the strain of the extra wires that had from time to time been erected both for Departmental use and that of the Punjab Northern State Railway, the line from Lahore to Rawulpindee was thoroughly re-constructed with 22 posts to the mile along the Railway, carrying, in addition to the Departmental wires, 3 Railway wires from Lahore to Jhelum and 2 wires from Jhelum to Rawulpindee. The line from Tournoul to Koshialghur and the Rawulpindee Station lines were also re-constructed, and a new line following the temporary Railway alignments from Rawulpindee Station to Tournoul Station carrying 2 Railway wires only was erected. A single-wire line was erected on wooden posts between Sealkote and Suketghur to connect the Maharajah of Cashmere's Office at Jummo with Sealkote, and the Salt line from Lalla-Musa to Miani extended to the river to the Pind Dadur Ghat for the use of the Railway; an extra wire suspended between Gazeeabad and Lahore and a third Departmental wire erected from Lahore to Rawulpindee. Telephone lines were put up at Simla to connect the Commander-in-Chief's house with the offices of the Quartermaster General, the Adjutant General and the Military Department. The Government House at Simla was connected by wire with the Telegraph Office and the Military Department, and temporary lines were erected for the Viceroy in connection with the Durbar held at Lahore in November 1880, which were subsequently dismantled. The military lines, Lundi Kotal to Jamrood, dismantled and the offices at Lundi Kotal and Ali Musjid closed. On the Koorum side all the lines up to Hungoo were dismantled and offices (excepting Hungoo) closed.

Rajputana Division.

55. Two new wires for Departmental use were erected on existing posts along the western Rajputana State Railway between Pahlunpore and Beawur, and the road line from Deesa to Beawur dismantled. A two-wire line from Achneyra to Muttra, in extension of the Muttra-Hattras State Railway, was constructed, and the line from Mount Aboo Road to Mount Aboo completed. The erection of a third wire for the use of the Railway from Saburmati to Ajmere was in progress, and a second wire added to the line between Agra and Morar.

Sind Division.

56. A line of 40 miles in length, with one wire, was constructed from Dera Ismail Khan to Tank, and an extra wire suspended between Sukkur and Ruk. A temporary line, 18·5 miles, along Railway was also erected from Sibi to Pirchowky. Arrangements for the construction of a temporary line from Tank to Kirgi, as well as other temporary lines required in connection with the Mahsud-Waziri expedition, were in progress.

Beluchistan Sub-Division.

57. The line from Sibi to Nari Gorge, 7 miles, with 2 wires, was re-constructed as a permanent line, and thence on to Hurnai, 47 miles, with one wire, as a semi-permanent field line. It was extended to North Chuppar by the 16th June 1880, and a field line for military purposes was constructed by the 3rd July from Quetta to North Chuppar, thus completing the circle through Sibi and Quetta *viâ* the Bolan and Hurnai Passes.

58. On receipt, however, on the 28th July, of the news of the disaster at Maiwund, all work on the Kandahar State Railway had to be stopped and the troops removed from the Hurnai route, which resulted in the entire line, Kach to Nari Gorge, being destroyed by the tribes. The semi-permanent line along the Railway was subsequently repaired and finished as far as Khelat-i-killah, and a Railway Office opened there on the 28th December 1880. On the 14th January 1881 the re-construction was finished to Kochali, and one office opened for military purposes at Kochali and another in connection with the Railway Office at Khelat-i-killah, and the line between Khelat-i-killah and Nari Gorge duplicated. The road line from Jacobabad to Sibi was dismantled.

STATE AND GUARANTEED RAILWAY TELEGRAPHS.

59. Appendix J is a return showing the number of Telegraph Offices and extent of line and wire maintained for State and Guaranteed Railways, together with the capital expended by this Department on behalf of each Railway.

STORES AND WORKSHOPS.

60. The following are the principal items of expenditure under this head during the year :—

	Rs.
Purchase of stores in India	79,542
London stores, including freight and landing charges	5,42,282
Workshop and Press	1,61,074
Store-keeping	80,859
Superintendence	32,513
Work done by steamer *Patrick Stewart* of the Indo-European Department	274
Stationery received from the Superintendent, Government Stationery, and value of printing done by the Superintendent, Government Printing, without charge	24,113
TOTAL	9,20,657

61. The value of the outturn from Workshops was Rs. 3,01,276, and from the Press Rs. 40,921, against Rs. 3,01,445 and Rs. 51,958 of the previous year.

CEYLON.

62. The Telegraph lines and offices in Ceylon were re-transferred to the Ceylon Government on the 1st of July 1880, and from that date they ceased to be under the administration of this Department.

APPENDIX A.

Summary of Financial Results of the Indian Telegraph Department for the Year 1880-81.

INDIAN TELEGRAPH.			To end of previous year.	1880-81.	To end of 1880-81.
		CAPITAL ACCOUNT.	Miles.	Miles.	Miles.
MILEAGE	Line	Departmental	13,156·13	812·92	12,343·21
		Railway	6,704,69	716·70	7,421·39
		Guaranteed	659·11	77·54	581·57
		TOTAL	20,519·93	173·76	20,346·17
	Wire	Departmental	35,231·62	1,540·47	36.772·09
		Railway	16,733·35	1,666·86	18,400·21
		Guaranteed	840·71	39·84	800·87
		TOTAL	52,805·68	3,167·49	55,973·17
	Cable	Departmental	107·93	1·68	109 61
		Railway	·58	4·30	4·88
		Guaranteed	...	...	...
		TOTAL	108·51	5·98	114·49
			Rs.	Rs.	Rs.
OUTLAY	Lines	Departmental	1,58,39,816	4,61,400	1,63,01,216
		Railway	25,69,149	1,62,391	27,31,540
		Guaranteed	3,37,181	18,785	3,55,966
		TOTAL	1,87,46,146	6,42,576	1,93,88,722
	Buildings	Signal Offices	28,56,492	1,37,763	29,94,255
		Quarters for Officers	10,763	1,477	12.240
		Cable-houses and Tanks	27,969	...	27,969
		Store-houses	4,61,089	1,67,844	2,93,245
		Workshop and Press Buildings	1,38,577	...	1,38,577
		TOTAL	34,94,890	28,604	34,66,286
	Tools and Plant	First fitting of Railway Offices	1,45,714	4,422	1,50,136
		Other Tools and Plant	1,99,865	5,753	2,05,618
		TOTAL	3,45,579	10,175	3,55,754
	Stores		18,81,362	2,49,665	21,31,027
	Suspense heads affecting Budget Grant		1,92,745	1,06,902	85,843
	Charge for exchange on payments in England		...	72,133	72,133
		TOTAL PRESENT CAPITAL	2,46,60,722	8,39,043	2,54,99,765
	Abandoned—				
	Lines		...	...	...
	Buildings		...	...	...
	Stores		...	...	...
		TOTAL ABANDONED	...	...	...
		TOTAL CAPITAL EXPENDITURE	2,46,60,722	8,39,043	2,54,99,765

REVENUE ACCOUNT.			No.	No.	No.
NUMBER OF	Divisions		18	1	17
	Signal Offices		303	19	322
	Messages	Private	9,230,051	1,324,818	10,554,869
		State	1,228,317	317,959	1,546,276
		Free	125,021	2,417	127,438
		TOTAL	10,583,389	1,645,194	12,228,583
			Rs.	Rs.	Rs.
REVENUE	On messages	Private	2,68,95,715	25,13,908	2,94,09,623
		State	62,47,145	13,57,271	76,04,416
		Free	18,24,353	46,498	18,70,851
		TOTAL	3,49,67,213	39,17,677	3,88,84,890
	Railway Telegraphs		15,86,394	5,03,432	20,89,826
	Guaranteed		1,72,185	45,090	2,17,225
	Miscellaneous		5,32,937	35,438	5,68,375
		TOTAL	3,72,58,679	45,01,637	4,17,60,316
Working Expenses			4,79,69,533	31,71,470	5,11,41,003
Net Charge (difference between Revenue and Working Expenses)			1,07,10,854	13,30,167	93,80,687
Charge for Interest on Capital			1,72,79,098	11,28,611	1,84,07,709
Working Expenses, plus Charge for Interest			6,52,48,631	43,00,081	6,95,48,712
Net Charge, plus Interest on Capital			2,79,89,952	2,01,556	2,77,88,396
Per mile of Line	Revenue		1,815·73	221·25	2,052·49
	Net Charge		521·97	65·38	461·05
	Net Charge, plus Interest		1,364·03	9·91	1,365·78
Percentage on Capital Outlay	Revenue		151·08	17·65	163·77
	Net Charge		43·43	5·22	36·79
	Net Charge, plus Interest		113·49	·79	108·98
Value of unissued balance of stores at end of the year			18,81,862	2,49,665	21,31,027
TOTAL EXPENDITURE, CAPITAL AND REVENUE			7,26,30,255	40,10,513	7,66,40,768
DEFICIT ON TOTAL EXPENDITURE			3,53,71,576	4,91,124	3,48,80,452

APPENDIX TO SUMMARY OF FINANCIAL RESULTS.

Review of Telegraph Accounts for the last five years.

REVENUE RECEIPTS.

Year.	Message Revenue.			Claims from State Railways.	Claims from Guaranteed Railways.	Claims from Guarantors.	Saleable Books, Forms and Maps.	Telegraph Gazette.		Miscellaneous.	Total.
	Paid Messages.	Free Messages.	Total.					Calcutta.	Rangoon.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1876-77	22,74,064	1,57,793	24,31,857	54,296	1,37,544	21,270	2,736	10,866	2,681	17,328	26,78,578
1877-78	28,03,967	1,41,603	29,45,570	52,503	1,68,519	27,329	3,152	11,041	2,276	10,492	32,20,882
1878-79	29,63,569	1,16,967	30,80,536	1,71,071	2,55,386	33,694	3,499	11,073	2,278	39,478	35,97,015
1879-80	36,58,725	1,13,973	37,72,698	3,14,053	99,061	35,401	2,813	10,480	2,141	14,799	42,51,446
1880-81	38,71,179	46,498	39,17,677	4,08,336	95,096	45,090	3,598	10,936	2,439	18,465	45,01,637

REVENUE CHARGES.

Year.	Line Maintenance.						Signalling.											
	Repairs.		Establishment.	Share of Direction, Accounts and Superintendence.	Profit and Loss.	Total.	Repairs.		Check Office.	Signal Offices.		Direction, Accounts and Superintendence.	Saleable Books, Forms and Maps.	Telegraph Gazette.		Telegraph Stamps.	Profit and Loss.	Total.
	By Telegraph Department.	By Public Works Department.					By Telegraph Department.	By Public Works Department.		Departmental.	Railway.			Calcutta.	Rangoon.			
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1876-77	1,80,901	2,602	1,41,520	3,92,305	1,591	7,18,919	1,520	31,530	33,701	14,64,397	1,518	3,92,306	2,635	4,782	3,818	2,238	1,219	19,39,664
1877-78	2,80,248	597	1,51,771	4,62,237	875	8,95,728	3,550	31,131	36,300	15,21,995	40,257	4,62,240	5,381	4,313	762	5,299	2,274	21,13,502
1878-79	2,77,414	660	1,47,174	4,26,054	197	8,51,499	1,890	51,398	37,994	15,17,693	65,168	4,26,055	5,554	4,114	1,679	7,563	...	21,19,108
1879-80	1,61,385	694	1,30,975	4,12,109	90	7,05,253	1,190	30,990	41,998	16,37,324	57,623	4,12,110	8,987	4,139	1,678	8,570	130	22,04,739
1880-81	2,46,784	1,595	1,48,464	4,29,335	...	8,26,178	2,700	39,962	44,679	16,58,165	1,50,910	4,29,335	6,219	4,056	1,757	6,665	844	23,45,292

Result of Operations for five years.

Year.	Capital Expenditure to end of year.	Revenue Receipts.	Revenue Charges.	Profit without interest.	Interest on Capital at 4½ per cent.	Loss with Interest.	Miles of Line.	Miles of Wire.	Number of Signal Offices.	Number of Messages.			Value of Messages.		
										Inland.	Foreign.	Total.	Inland.	Foreign.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Miles.	Miles.	No.	No.	No.	No.	Rs.	Rs.	Rs.
1876-77	3,21,12,147	26,78,578	26,58,582	19,995	11,42,039	11,22,044	17,231·52	39,112·29	222	920,677	131,342	1,052,019	16,24,683	6,49,381	22,74,064
1877-78	3,30,13,602	32,20,882	30,09,230	2,11,652	12,18,923	10,07,271	17,600·23	42,115·96	226	1,109,050	182,509	1,291,559	19,59,099	8,44,868	28,03,967
1878-79	3,35,61,872	35,97,015	29,70,607	6,26,408	12,44,785	6,18,377	17,971·13	43,890·63	235	1,115,642	192,710	1,308,352	21,10,182	8,53,387	29,63,569
1879-80	3,41,02,791	42,51,446	29,09,992	13,41,454	15,22,454	1,81,000	20,519·93	52,914·19	303	1,273,884	228,859	1,502,743	26,47,970	10,10,755	36,58,725
1880-81	2,54,99,765	45,01,637	31,71,470	13,30,167	11,28,611	2,01,556	20,346·17	56,087·66	322	1,346,358	296,419	1,642,777	26,92,610	11,78,569	38,71,179

CEYLON TELEGRAPH.

Summary of Financial Results of the Ceylon Telegraph for the year 1880-81.

CEYLON TELEGRAPH. CAPITAL ACCOUNT.			To end of previous year.	1880-81.	To end of 1880-81.
			Miles.		Miles.
MILEAGE	Lines	Departmental	615·38	...	615·38
		Railway	...	...	...
		Guaranteed	...	...	...
		TOTAL	615·38	...	615·38
	Wire	Departmental	682·89	...	682·89
		Railway	...	...	...
		Guaranteed	...	...	...
		TOTAL	682·89	...	682·89
	Cable	Departmental	2·62	...	2·62
		Railway	...	...	...
		Guaranteed	...	...	...
		TOTAL	2·62	...	2·62
			Rs.	Rs.	Rs.
OUTLAY	Lines	Departmental	66,644	1,766	68,410
		Railway	...	...	...
		Guaranteed	...	...	...
		TOTAL	66,644	1,766	68,410
	Buildings	Signal Offices	...	...	...
		Quarters for Officers	...	...	...
		Cable-houses and Tanks	...	...	...
		Store-houses	...	...	...
		TOTAL	...	...	...
	First fitting of Railway Offices		...	...	...
	Other Tools and Plant		220	...	220
		TOTAL	220	...	220
	Stores		...	...	...
	Suspense heads affecting Budget Grant		...	...	...
	Total present Capital		66,864	1,766	68,630
	Abandoned	Lines	...	...	...
		Buildings	...	...	...
		Stores	...	...	...
		TOTAL ABANDONED	...	...	...
		TOTAL CAPITAL EXPENDITURE	66,864	1,766	68,630

Summary of Financial Results of the Ceylon Telegraph for the year 1880-81—continued.

	To end of previous year.	1880-81.	To end of 1880-81.	
Revenue Account.	No.	No.	No.	
Number of — Divisions	1	...	1	
Number of — Signal Offices	14	...	14	
Number of — Messages — Private	487,727	12,708	500,435	
Number of — Messages — State	13,118	745	13,863	
Number of — Messages — Free	...	...	...	
Total	500,845	13,453	514,298	
	Rs.	Rs.	Rs.	
Revenue — On messages — Private	8,56,748	17,302	8,74,050	
Revenue — On messages — State	27,139	759	27,898	
Revenue — On messages — Free	...	...	...	
Total	8,83,887	18,061	9,01,948	
Revenue — Railway Telegraphs	5,400	450	5,850	
Revenue — Guaranteed	4,014	...	4,014	
Revenue — Miscellaneous	8,181	182	8,363	
Total	9,01,482	18,693	9,20,175	
Working Expenses	11,45,641	29,497	11,75,138	
Net Charge (difference between Revenue and Working Expenses)	2,44,159	10,804	2,54,963	
Charge for Interest on Capital	15,619	3,034	18,653	
Working Expenses, plus Charge for Interest	11,61,260	32,531	11,93,791	
Net Charge, plus Interest on Capital	2,59,778	13,838	2,73,616	
Per Mile — Revenue	1,464·92	30·37	1,495·29	
Per Mile — Net Charge	396·76	17·55	414·31	
Per Mile — Net Charge, plus Interest	422·14	22·48	444·62	
Percentage on Capital Outlay — Revenue	1,348·23	27·24	1,340·08	
Percentage on Capital Outlay — Net Charge	365·16	15·74	371·50	
Percentage on Capital Outlay — Net Charge, plus Interest	388·51	20·16	398·68	
Value of unissued balance of stores at end of the year	...	...	...	No unissued balance.
Total Expenditure, Capital and Revenue	12,12,505	31,263	12,43,768	
Deficit on Total Expenditure	3,11,023	12,570	3,23,593	

APPENDIX TO SUMMARY OF FINANCIAL RESULTS OF THE CEYLON TELEGRAPH.

Review of the Ceylon Telegraph Accounts for the last five years.

REVENUE RECEIPTS.

YEAR.	MESSAGE REVENUE. Paid Messages.	Claims from Railways.	Claims from Guarantors.	Telegraph Bulletin.	Miscellaneous.	TOTAL.	REMARKS.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
1876-77	92,522	900	...	465	413	93,474	
1877-78	99,735	900	...	455	280	1,01,370	
1878-79	95,817	900	1,822	482	387	99,408	
1879-80	89,805	900	2,192	495	71	93,463	
1880-81	18,061	450	...	160	22	18,693	For three months only, as the management of the Ceylon Telegraph was given up from 1st July 1880.

REVENUE CHARGES.

YEAR.	LINE MAINTENANCE. Repairs by Telegraph Department.	Line Maintenance Establishment.	Direction, Accounts and Superintendence.	Profit and Loss.		TOTAL.	SIGNALLING. Repairs by Telegraph Department.	Signal Office Establishment.	Direction, Accounts and Superintendence.	Profit and Loss.	TOTAL.	REMARKS.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
1876-77 . . .	13,545	10,101	19,241	...	...	42,887	4	51,736	19,243	...	70,983	
1877-78 . . .	20,604	11,399	18,768	...	...	50,771	...	61,353	18,770	...	80,123	
1878-79 . . .	12,754	10,809	18,853	...	...	42,416	...	56,300	18,854	...	75,154	
1879-80 . . .	11,920	11,448	17,113	...	...	40,481	...	57,742	17,113	218	75,073	
1880-81 . . .	911	3,824	2,498	...	...	7,233	...	19,765	2,499	...	22,264	For 3 months only (see remarks on Revenue Receipts).

Result of Operations for five years.

YEAR.	Capital Expenditure to end of year.	Revenue Receipts.	Revenue Charges.	Profit or Loss without interest (Loss in Antique type.)	Interest on Capital at 4½ per cent.	Profit and Loss with Interest. (Loss in Antique type).	Miles of Line.	Miles of Wire.	Number of Signal Offices.	NUMBER OF MESSAGES. Inland.	Foreign.	TOTAL.	VALUE OF MESSAGES.* Inland.	Foreign.	TOTAL.	REMARKS.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Miles.	Miles.	No.	No.	No.	No.	Rs.	Rs.	Rs.	
1876-77 . . .	71,237	93,474	1,13,870	20,396	3,024	23,420	608·15	667·80	12	52,674	4,343	57,017	62,596	29,926	92,522	
1877-78 . . .	67,578	1,01,370	1,30,894	29,524	3.142	32,666	609·35	679·80	13	60,904	4,551	65,455	74,999	24,736	99,735	
1878-79 . . .	67,709	99,408	1,17,570	18,162	3,040	21,202	617·85	688·02	15	58,209	5,160	63,369	68,292	27,525	95,817	
1879-80 . . .	66,864	93,463	1,15,554	22,091	3,028	25,119	615·38	685·51	14	54,068	5,700	59,768	71,518	18,287	89,805	
1880-81 . . .	68,630	18,693	29,497	10,804	3,034	13,838	615·38	685·51	14	12,119	1,334	13,453	14,194	3,867	18,061	For 3 months only (see remarks on Revenue Receipts.)

APPENDIX B.

RETURN of the Number and Value of Inland and Foreign Messages "Sent", and of Foreign Messages "Received" and "Transit" during the year 1880-81, showing also the Increase and Decrease under each head on the figures for the previous year.

NUMBER OF PAID MESSAGES AND INDIAN SHARE OF COLLECTIONS IN 1880-81.

Divisions.	Inland. State. No.	Value. Rs.	A.	Inland. Private. No.	Value. Rs.	A.	Foreign. State. No.	Value. Rs.	A.	Foreign. Private. No.	Value. Rs.	A.	Total. State. No.	Value. Rs.	A.	Total. Private. No.	Value. Rs.	A.	Grand Total. No.	Value. Rs.	A.
Arakan	2,086	4,032	12	15,682	24,063	2	...	...	...	1,002	3,142	1	2,086	4,032	12	16,684	27,206	3	18,770	31,237	15
Assam	13,988	42,712	4	23,949	33,650	2	...	...	...	141	415	10	13,988	42,712	4	24,090	34,065	12	38,078	76,778	0
Bellary	5,255	11,052	8	23,255	28,858	4	2	12	15	371	939	9	5,257	11,065	7	23,626	29,797	13	28,883	40,863	4
Bengal	31,625	1,21,267	10	186,743	2,62,970	12	462	8,527	8	39,629	1,43,907	11	32,087	129,795	2	2,26,372	4,06,778	7	258,459	5,36,573	9
Bombay	36,253	1,37,941	4	2,11,002	2,67,210	13	1,021	9,401	6	119,468	4,75,147	8	37,274	147,342	10	3,30,470	7,42,358	2	367,744	8,89,700	12
B. Burma	8,809	23,774	12	75,757	1,12,846	2	16	94	14	13,359	47,026	10	8,822	23,869	10	89,116	1,59,872	12	97,938	1,83,742	6
Dacca	4,130	6,315	4	15,537	18,935	1	1	2	9	66	289	10	4,131	6,317	13	15,593	19,224	11	19,724	25,542	8
Ganjam	6,090	8,591	14	61,063	84,662	5	...	...	...	1,403	2,978	13	6,090	8,591	14	62,466	87,661	2	68,556	93,253	0
Indore	5,494	14,834	3	59,351	64,621	14	...	...	...	60	162	0	5,494	14,834	3	59,411	64,783	14	64,905	79,618	1
Madras	7,633	18,099	4	63,936	89,003	3	939	2,187	10	84,744	2,86,049	11	8,572	20,286	14	148,670	3,75,052	14	157,242	3,95,339	12
Malabar	5,298	12,440	0	47,109	68,000	15	44	217	12	4,378	12,477	6	5,342	12,657	12	51,487	80,478	5	56,829	93,136	1
Nagpur	6,096	11,382	3	24,978	25,727	1	...	...	...	67	186	14	6,096	11,382	3	25,045	25,913	15	31,141	37,296	2
Oudh and Rohilkund	11,272	24,826	6	37,405	43,794	0	...	...	...	321	984	13	11,272	24,826	6	37,726	44,778	[illegible]	48,998	69,605	[illegible]
Punjab	107,781	5,04,058	13	109,393	1,55,798	3	929	24,420	2	1,361	7,929	3	106,710	5,28,476	15	110,754	1,63,727	6	219,464	6,92,204	5
Rajputana	4,203	10,328	4	14,912	7,179	7	...	...	...	28	118	14	4,203	10,328	4	14,940	17,298	5	19,143	27,626	9
Sindh	57,638	3,45,877	11	62,658	94,641	5	897	14,781	0	25,710	1,35,333	12	58,535	360,658	11	88,368	2,29,975	1	146,903	5,90,633	12
Total India	313,645	12,97,533	0	1,032,710	13,91,982	9	4,311	59,645	12	292,108	11,16,989	14	317,959	13,57,178	12	1,324,818	25,08,972	7	1,642,777	38,66,151	3
Ceylon* 3 months only in 1880-81.	722	689	8	11,397	16,599	4	23	161	5	1,311	5,638	14	745	850	13	12,708	22,238	2	13,453	23,088	15
Total India & Ceylon	314,370	12,98,222	8	1,044,107	14,08,581	13	4,334	59,807	1	293,419	11,22,626	12	318,704	13,58,029	9	1,337,526	25,31,210	9	1,656,230	38,89,240	2

NUMBER OF PAID MESSAGES AND INDIAN SHARE OF COLLECTIONS IN 1879-80.

Divisions.	Inland. State. No.	Value. Rs.	A.	Inland. Private. No.	Value. Rs.	A.	Foreign. State. No.	Value. Rs.	A.	Foreign. Private. No.	Value. Rs.	A.	Total. State. No.	Value. Rs.	A.	Total. Private. No.	Value. Rs.	A.	Grand Total. No.	Value. Rs.	A.
Arakan	917	2,206	12	8,903	17,778	0	...	...	...	433	1,520	9	917	2,206	12	9,336	19,298	9	10,253	21,505	5
Assam	8,433	23,082	8	21,251	30,703	13	...	...	...	147	455	11	8,433	23,082	8	21,398	31,159	8	29,831	54,242	0
Bellary	4,733	10,272	7	24,405	31,757	5	3	82	12	249	712	6	4,736	10,355	3	24,654	32,469	11	29,390	43,824	14
Bengal	28,805	1,13,034	7	171,276	2,70,568	13	450	9,254	15	30,086	1,29,636	14	29,255	1,22,289	6	201,362	4,00,205	11	230,617	5,22,495	1
Bombay	29,768	1,08,637	7	204,984	2,76,628	13	817	6,355	7	101,957	4,11,017	10	30,585	1,14,992	14	306,941	6,87,645	7	337,426	8,02,639	5
B. Burma	9,206	28,563	11	68,537	1,25,140	7	109	584	5	13,711	40,663	12	9,315	29,148	0	82,248	1,65,804	3	91,563	1,94,952	3
Dacca	6,153	12,406	13	19,592	26,817	11	2	19	13	189	691	9	6,155	12,426	10	19,781	27,509	4	25,936	39,935	14
Ganjam	5,235	13,968	0	61,995	88,086	10	...	...	...	808	1,995	2	5,235	13,968	0	62,803	90,081	12	68,038	1,04,049	12
Indore	5,061	13,449	9	49,276	59,035	15	3	49	4	99	317	7	5,064	13,498	13	49,375	59,353	6	54,439	72,852	3
Madras	7,344	19,237	1	71,726	1,08,060	12	56	426	3	53,568	2,39,158	13	7,400	19,663	4	125,294	3,47,219	9	132,694	3,66,882	3
Malabar	4,977	15,407	0	46,026	68,206	12	46	268	7	1,457	4,711	6	4,923	15,675	7	49,483	72,918	2	54,406	88,593	9
Nagpur	5,575	11,110	12	22,565	24,398	1	...	...	...	86	236	14	5,575	11,110	12	22,651	24,634	15	28,226	35,735	11
Oudh and Rohilkund	9,741	21,454	5	32,393	40,383	10	2	24	3	225	709	12	9,743	21,478	8	32,618	41,093	6	42,361	62,571	14
Punjab	102,306	5,25,391	14	1,01,639	1,60,685	7	965	19,644	15	1,589	11,251	14	103,271	5,45,035	13	103,228	1,71,937	5	206,499	7,16,974	2
Rajputana	3,928	10,154	3	15,359	17,952	8	17	215	1	49	137	7	3,945	10,369	4	15,408	18,089	15	19,353	28,459	3
Sindh	56,609	2,55,604	2	63,366	98,459	8	737	11,703	3	20,999	1,09,775	6	57,346	2,67,307	5	84,365	2,08,234	14	141,711	4,75,542	3
Total India	238,691	11,83,980	15	985,193	14,44,664	1	3,207	48,628	8	225,652	9,53,982	8	2,91,898	12,32,609	7	1,210,845	23,97,646	9	1,502,743	36,30,256	0

NOTE.—This Return includes 566 messages on the service of French and Portuguese Governments and of His Highness the Khan of Khelat, the value of which, *viz.*, Rs. 2,939-7, has not been credited to Revenue.
* From the 1st of July 1880 Ceylon ceased to form a part of the Indian Telegraph Administration.

TOTAL PAID MESSAGES.

		No.	Value. Rs.	A.
Inland	Departmental	1,187,832	25,34,424	9
	Railway	170,645	1,72,379	12
Foreign	Departmental	297,468	11,61,893	9
	Railway	285	542	4
	Total	1,656,230	38,89,240	2

TOTAL PAID MESSAGES.

		No.	Value. Rs.	A.
Inland	Departmental	1,127,914	24,74,631	15
	Railway	145,970	1,54,013	1
Foreign	Departmental	228,687	10,01,196	9
	Railway	172	414	7
	Total	1,502,743	36,30,256	0

RETURN of the number and value of Inland and Foreign Messages "Sent" and of Foreign Messages "Received" and in "Transit" during the year 1880-81, showing also the Increase and Decrease under each head on the figures for the previous year.

DIVISIONS	INCREASE.																		DECREASE.																	
	Inland.				Foreign.				Total.				Grand Total.		Inland.				Foreign.				Total.				Grand Total.			
	State.		Private.		State.		Private.		State.		Private.				State.		Private.		State.		Private.		State.		Private.					
	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No	Value.	No.	Value	No.	Value.		
		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.
Arakan	1,169	1,826 0	6,779	6,285 2	...	... ...	569	1,621 9	1,169	1,826 0	7,348	7,906 10	8,517	9,732 10	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...		
Assam	5,555	19,629 12	2,698	2,946 5	...	... ...	...	...	5,555	19,629 12	2,698	2,946 5	8,253	22,576 1	...	... ...	...	... ...	...	... ...	6	40 1	...	... ...	6	40 1	6	40 1		
Bellary	522	780 1	...	... ...	...	... ...	122	227 3	522	780 1	122	227 3	644	1,007 4	...	... ...	1,150	2,899 1	1	69 13	...	... ...	1	69 13	1,150	2,899 1	1,151	2,968 14		
Bengal	2,832	8,233 3	15,467	... ...	12	... ...	9,543	14,170 13	2,832	8,233 3	25,010	14,170 13	27,842	22,404 0	...	... ...	...	7,598 1	...	727 7	...	... ...	...	727 7	...	7,598 1	...	8,325 8		
Bombay	6,485	29,303 13	6,118	... .	204	3,045 15	17,511	64,129 11	6,689	32,349 12	23,629	64,129 11	30,318	96,479 7	..	... ...	...	9,418 0	...	... ...	...	... ...	...	... ...	...	9,418 0	...	9,418 0		
B. Burma	...	... ...	7,220	... ...	...	... ...	...	6,362 14	...	... ...	7,220	6,362 14	7,220	6,362 14	400	4,788 15	...	12,294 5	93	489 7	352	... ...	493	5,278 6	352	12,294 5	845	17,572 11		
Dacca	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	...	... ...	2,023	6,091 9	4,065	7,882 10	1	17 4	123	401 15	2,024	6,108 13	4,188	8,284 9	6,212	14,393 6		
Ganjam	855	... ...	...	... ...	...	... ...	595	983 11	855	... ...	595	983 11	1,450	983 11	...	5,376 2	932	3,404 5	...	... ...	...	... ...	...	5,376 2	932	3,404 5	932	8,780 7		
Indore	433	1,384 10	10,075	5,585 15	...	... ...	...	... ...	433	1,384 10	10,075	5,585 15	10,508	6,970 9	...	... ...	...	... ...	3	49 4	39	155 7	3	49 4	39	155 7	42	204 11		
Madras	289	... ...	...	... ...	883	1,761 7	31,176	46,890 14	1,172	1,761 7	31,176	46,890 14	32,348	48,652 5	...	1,137 13	7,800	19,057 9	...	... ...	...	... ...	...	1,137 13	7,800	19,057 9	7,800	20,195 6		
Malabar	421	... ...	...	... ...	...	... ..	2,921	7,766 0	421	.. ...	2,921	7,766 0	3,342	7,766 0	...	2,967 0	917	205 13	2	50 11	...	... ..	2	3,017 11	917	205 13	919	3,223 8		
Nagpur	521	271 7	2,413	1,329 0	...	... ...	...	.. ..	521	271 7	2,413	1,329 0	2,934	1,600 7	...	... ...	...	... ...	...	... ...	19	40 0	...	... ...	19	40 0	19	40 0		
Oudh and Rohilkand	1,531	3,372 1	5,012	3,410 6	...	... ...	96	275 1	1,531	3,372 1	5,108	3,685 7	6,639	7,057 8	...	... ...	...	.. ...	2	24 3	...	... ...	2	24 3	...	... ...	2	24 3		
Punjab	5,475	.	7,754	... ...	...	4,775 3	...	...	5,475	4,775 3	7,754	... ...	13,229	4,775 3	...	21,335 1	...	4,987 4	36	... ..	228	3,322 11	36	21,335 1	228	8,309 15	264	29,545 0		
Rajputana	275	174 1	...	... .	...	... ...	...	... ..	275	174 1	...	... ..	275	174 1	...	... ...	447	773 1	17	215 1	21	18 9	17	215 1	468	791 10	485	1,006 11		
Sindh	1,029	90,273 9	...	... ...	160	3,077 13	4,711	25,558 6	1,189	93,351 6	4,711	25,558 6	5,900	1,18,909 12	...	... ...	708	3,818 3	...	.. ..	...	... ...	...	... ...	708	3,818 3	708	3,818 3		
Total	27,380	1,55,248 9	63,536	19,556 12	1,259	12,660 6	67,244	1,67,998 1	28,639	1,67,908 15	130,780	1,87,542 13	159,419	3,55,451 12	2,423	41,696 8	16,019	72,238 4	155	1,643 2	788	3,978 11	2,578	43,339 10	16,807	76,216 15	19,385	1,19,555 9		
New Increase and Decrease on the figures of the previous Year.	24,957	1,13,552 1	47,517	... ...	1,104	11,017 4	66,456	1,64,007 6	26,061	1,24,569 5	113,973	1,11,325 14	140,034	2,35,895 3	...	... ...	...	52,681 8	...	... ..	...	... ...	...	... ...	...	... ...	...	... ...		

NOTE.—This Return does not include collections other than those belonging to the Government of India.

Abstract of Foreign Traffic for the year 1880-81.

CLASS OF MESSAGES.	ROUTE.																											TOTAL.		
	WEST.												EAST.																	
	VIA TEHERAN.			VIA TURKEY.			PERSIAN GULF.			VIA SUEZ.			VIA AMUR.			VIA MADRAS.			VIA RANGOON.			NATIVE BURMA.			VIA PAUMBEN.					
	No.	Indian Value.		No.	Indian Value.		No.	Indian Value.		No.	Indian Value.		No.	Indian Value.		No.	Indian Value.		No.	Indian Value.		No.	Indian Value.		No.	Indian Value.		No.	Indian Value.	
		Rs.	A.		Rs.	A.		Rs.	A.		Rs.	A.		Rs.	A.		Rs.	A.		Rs.	A.		Rs.	A.		Rs.	A.		Rs.	A.
INDIAN.																														
Sent . .	18,731	1,03,117	5	1,138	5,126	8	678	4,116	1	55,794	2,03,253	14	72	240	14	8,657	26,420	8	1,375	4,632	0	2,444	3,128	12	14,943	32,883	0	1,03,832	3,82,918	14
Received* . .	14,122	1,00,763	4	1,645	6,259	14	829	2,900	15	48,986	2,06,935	5	47	106	5	8,721	27,810	15	1,772	5,814	2	864	1,388	10	18,280	27,454	8	95,266	3,79,433	14
TOTAL .	32,853	2,03,880	9	2,783	11,386	6	1,507	7,017	0	104,780	4,10,189	3	119	347	3	17,378	54,231	7	3,147	10,446	2	3,308	4,517	6	33,223	60,337	8	1,99,098	7,62,352	12
TRANSIT.																														
From East to West—																														
Received. *Viâ* Madras	1,131	4,501	2	110	536	1	184	477	6	42,076	1,85,149	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	43,501	1,90,664	2
Received. *Viâ* Rangoon	50	196	8	4	7	2	8	19	2	1,736	7,532	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,798	7,754	12
Received. *Viâ* Laingha	...	...	...	1	2	13	...	...	...	3	10	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	13	0
Received. *Viâ* Paumben	391	1,703	12	12	56	15	5	42	10	3,527	11,795	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3,935	13,598	14
From West to East—																														
Sent. *Viâ* Madras	5,528	22,107	11	662	2,751	4	98	341	4	37,523	1,63,109	1	39	135	6	...	...	...	...	...	...	...	...	...	...	...	...	43,850	1,88,444	10
Sent. *Viâ* Rangoon	399	1,567	12	37	151	8	4	8	4	1,331	5,636	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,771	7,363	12
Sent. *Viâ* Laingha	...	...	...	2	9	11	...	...	...	8	31	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	40	13
Sent. *Viâ* Paumben *	745	2,580	8	74	204	4	3	11	12	2,160	6,042	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,982	8,839	5
From West to West—																														
Viâ Bombay and Karachi.	1	3	12	7	205	2	19	71	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	27	280	8
Viâ Karachi and Bombay.	3	15	15	9	40	5	24	123	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	36	180	0
East to East—																														
Viâ Rangoon* .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	14	13	20	91	14	21	106	11
Viâ Madras* .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	275	1,100	3	275	1,100	3
Viâ Laingha .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	9	9	...	...	...	...	...	...	...	...	...	1	9	9
Viâ Paumben .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	418	1,613	13	26	73	1	...	...	...	...	...	...	444	1,686	14
TOTAL .	8,248	32,677	0	918	3,965	1	345	1,095	12	88,364	3,79,306	9	39	135	6	419	1,623	6	26	73	1	1	14	13	295	1,192	1	98,655	4,20,083	1
GRAND TOTAL ...																												297,753	11,82,435	13

* 3,277 Messages deducted from "Indian Received"—Rs. 1,031-6.

Abstract of Foreign Traffic with India by the Indo-European and Red Sea Routes for the year 1880-81.

ROUTE.		NUMBER OF MESSAGES BY EACH ROUTE (EXCLUSIVE OF TRANSIT.)			PERCENTAGE OF NUMBER.		
		To India.	From India.	TOTAL.	To India.	From India.	TOTAL.
INDO-EUROPEAN .	*Viâ* Teheran	14,122	18,731	32,853	21·53	24·54	23·15
	Viâ Turkey	1,645	1,138	2,783	2·51	1·49	1·96
	Persian Gulf *viâ* Karachi . .	829	678	1,507	1·26	0·89	1·06
RED SEA . .	*Viâ* Suez	48,986	55,794	1,04,780	74·70	73·08	73·83
	TOTAL .	65,582	76,341	1,41,923	100·00	100·00	100·00

APPENDIX F.

Synopsis of Complaints in which this Department is concerned for the year 1880-81.

Nature of Complaints.	Number of Complaints received.				Number disposed of. Admitted.				Rejected. Being groundless.			Rejected. Not investigated for want of documents.			Total rejected.	Number of Paid Messages.			Percentage of Messages which formed the subject of Complaints.			
	Inland.	Railway.	Foreign.	Total received.	Inland.	Railway.	Foreign.	Total admitted.	Inland.	Railway.	Foreign.	Inland.	Railway.	Foreign.		Inland.	Railway.	Foreign.	Inland.	Railway.	Foreign.	Total.
Non-delivery	140	37	24	201	64	23	12	99	69	15	11	7	...	...	102				·012	·022	·008	·012
	189	32	29	250	87	22	16	125	92	10	11	9	...	3	125				·016	·022	·012	·016
Delay	56	10	7	73	46	7	5	58	10	3	2	...	...	...	15				·004	·006	·002	·004
	50	11	10	71	38	11	8	57	11	...	2	1	...	...	14	1,187,832	170,645	297,753	·004	·007	·004	·004
Error	121	10	35	166	105	9	32	146	15	1	3	1	...	...	20	1,181,188	146,764	234,559	·010	·008	·012	·010
	108	4	21	133	98	4	18	120	10	...	2	...	...	1	13				·009	·003	.009	·008
Miscellaneous	5	2	5	12	4	2	5	11	1	...	...	...	...	...	1				·000	00.	·002	·001
	15	3	3	21	10	1	2	13	5	2	1	...	...	...	8				·001	·002	·001	·001
Total	322	59	71	452	219	41	54	314	95	19	16	8	...	...	138	...	...	...	·027	·034	.024	·027
	362	50	63	475	233	38	44	315	118	12	16	10	...	4	160	...	...	...	·030	·034	·027	·030

Increase of Traffic . { Departmental . ·54 per cent. / Railway . . 16·27 ,, / Foreign . . 26·94 ,, / Net . . . 5·99 ,, }

Percentages of increase or decrease in number of admitted complaints:—
Decrease . Departmental . 6·00 per cent.
Increase . { Railway . . 7·89 ,, / Foreign . . 22·72 ,, }
Decrease . Net decrease . . 0·31 ,,

The figures in antique are those for the last year.

Synopsis of Complaints in which other Telegraph Administrations are concerned for the year 1880-81.

Nature of Complaints.	Number of Complaints received.			Transferred to other Telegraph Administrations. Disposed of. Admitted.			Rejected. Being groundless.		Rejected. On technical grounds.		Total rejected.	Transferred not yet disposed of.		Not transferred to other Telegraph Administrations. Not being supported by prescribed documents.		Transfer forbidden by convention.		Number of Paid Messages.			Percentage of Messages which formed the subject of Complaints.		
	Railway.	Foreign.	Total received.	Railway.	Foreign.	Total admitted.	Railway.	Foreign.	Railway.	Foreign.		Railway.	Foreign.	Railway.	Foreign.	Railway.	Foreign.	Railway.	Foreign.	Total.	Railway.	Foreign.	Total.
Non-delivery	74	92	166	32	44	76	39	26	1	...	66	1	10	1	7	...	5				·043	·031	·035
	45	57	102	19	24	43	25	17	...	...	42	...	3	1	6	...	7				·030	·024	·027
Delay	32	23	55	24	15	39	7	...	...	...	7	...	5	...	1	1	2				·019	·018	·012
	16	9	25	11	5	16	3	1	...	...	4	2	...	...	1	...	2	170,645	297,753	468,398	·011	·004	·007
Error	23	52	75	10	8	18	1	2	...	...	3	...	2	...	2	12	38	146,764	234,559	381,323	·013	·017	·016
	16	39	55	7	14	21	...	2	...	...	2	...	3	...	1	9	19				·011	·017	·014
Miscellaneous	4	28	32	4	17	21	...	1	...	...	1	...	10	...	...	...	...				·002	009	·007
	6	20	26	5	17	22	1	...	...	...	1	...	3	...	...	...	...				·004	·008	·007
Total for the year	133	195	328	70	84	154	47	29	1	...	77	1	27	1	10	13	45	...	...	...	·078	·065	·070
	83	125	208	42	60	102	29	20	...	...	49	2	9	1	8	9	28	...	...	...	·056	·053	·055
Balance from last year	2	10	12	2	7	9	...	2	...	...	2	...	1	...	...	...	...	...	...	...	...	..	...
	6	24	30	5	19	24	1	3	...	...	4	...	1	...	...	...	...	...	...	..	...	...	...
Total	135	205	340	72	91	163	47	31	1	...	79	1	28	1	10	13	45	...	...	...	·079	·069	·073
	89	149	238	47	79	126	30	23	...	...	53	2	10	1	8	9	28	...	...	...	·060	·064	·062

Increase in number of admitted Complaints . { Railway . 66·66 per cent. / Foreign . 40·00 ,, / Net . . 50·98 ,, }

The figures in antique are those for the last year.

GOVERNMENT OF

DEPARTMENT OF FIN

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT IN

QUANTITIES PER RUPEE IN

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Madras	Ganjam	11 13	11 13	11 13	...	...	...	17 13	17 13	17 13	19 10	19 10	19 8	...	...	...	...	...	...
	Vizagapatam	12 0	14 0	15 0	...	...	...	9 0	9 0	15 11	11 5	11 14	18 2	23 3	25 14	25 14	21 13	21 13	29 1
	Godavery	12 10	11 11	11 11	...	...	...	14 13	17 13	...	19 0	20 0	20 0	29 13	...	34 10	...	...	...
	Kistna	16 3	13 11	13 14	...	...	...	19 6	19 6	19 6	20 2	21 3	20 2	...	31 3	28 2	...	...	...
	Nellore	12 10	10 13	13 8	...	...	...	15 13	15 13	13 14	...	...	15 0	38 6	44 3	28 13	...	...	26
	Cuddapah	14 11	16 3	13 10	...	...	...	12 0	12 6	11 8	13 11	14 2	12 14	30 0	31 10	30 0	34 13	33 5	29
	Anantapur	14 6	14 6	9 2	...	...	...	15 0	14 6	13 14	16 3	16 3	15 2	33 0	36 5	37 2	18 13	18 13	18
	Bellary	15 13	18 3	16 5	...	...	...	12 5	12 5	12 5	13 8	13 8	13 8	35 0	34 0	40 3	28 3	28 3	32
	Kurnool	14 10	14 10	12 11	...	...	...	11 6	11 6	11 0	11 6	12 2	11 6	32 14	36 5	35 10	30 0	30 0	34
	Madras	10 13	10 13	8 13	...	...	...	14 3	14 10	13 11	15 13	16 3	14 14	24 8	24 8	23 0	26 6	26 6	23
	Chingleput	...	...	9 6	...	...	...	16 8	16 8	13 14	17 0	17 6	15 2	...	...	...	...	...	...
	North Arcot	11 6	11 6	11 0	...	...	...	16 13	16 13	16 13	18 13	18 3	17 5	...	...	22 11	31 5	32 4	31
	South Arcot	9 6	9 6	8 10	...	...	...	16 8	15 11	15 3	18 13	18 6	16 10	...	...	23 8	29 5	31 10	28
	Tanjore	10 5	10 5	9 8	...	...	...	19 2	20 11	17 6	...	...	...	38 3	38 3	33 6	32 10	34 13	31
	Trichinopoly	9 3	9 3	10 3	...	...	...	16 3	18 0	16 3	16 11	18 13	16 11	...	...	...	30 8	29 3	25
	Madura	10 14	10 8	13 3	...	...	...	16 6	16 13	15 2	17 5	17 11	15 3	28 5	25 14	27 8	32 5	32 5	32
	Tinnevelly	9 3	9 3	9 3	...	...	...	15 14	15 8	13 8	16 13	16 0	14 0	...	...	...	...	...	...
	Coimbatore	14 13	15 10	14 13	...	...	...	15 5	15 11	15 5	16 5	16 11	15 13	26 2	26 2	29 10	35 0	38 3	37
	Nilgiris	9 14	9 14	9 14	...	...	...	9 10	9 10	11 3	12 0	12 13	12 0	20 0	21 10	20 13	19 10	21 0	20
	Salem	11 14	11 14	11 6	...	...	...	15 0	13 2	13 0	16 0	15 14	15 14	29 2	27 5	22 11	22 2	22 14	22
	South Canara	9 14	10 5	10 5	...	...	...	10 11	10 11	8 11	15 11	15 11	14 11	...	...	...	...	...	...
	Malabar	9 6	9 11	10 13	...	...	...	16 3	16 3	15 3	17 3	17 3	16 3	...	...	...	...	...	...
Bombay	Bombay	10 15	11 4	11 4	21 6	18 0	19 2	7 12	7 12	7 4	13 8	13 2	10 12	20 0	28 4	21 5	18 8	19 8	16
	Ahmedabad	13 0	13 0	17 8	20 0	21 0	41 0	6 8	6 8	7 8	8 0	8 0	12 8	18 8	19 0	30 0	15 0	16 0	27
	Kaira	12 12	12 12	16 3	21 5	21 5	40 0	9 2	9 2	9 6	15 4	15 4	14 9	20 0	20 0	32 0	14 9	15 4	24
	Surat	13 6	13 6	14 3	6 3	6 3	15 4	7 7	7 7	6 12	8 5	8 5	8 4	15 9	15 9	18 13	11 13	11 13	17
	Broach	9 7	13 12	16 13½	...	...	...	10 8	10 8	8 14½	12 13	12 13	11 6¾	15 4	17 12	20 0	15 4	16 0	18
	Tanna (Salsette)	10 5	10 5	11 11	...	...	...	9 0	9 0	8 14	11 4	11 4	11 4	18 10	18 10	12 11	16 6	16 6	18
	Colába (Alibág)	10 0	9 0	10 0	...	...	...	8 0	9 8	7 0	17 0	15 0	12 8	...	...	...	14 0	15 0	14
	Khandesh (Dhulia)	17 3	17 3	20 5	...	...	...	7 4	7 4	7 4	10 15	10 15	12 12	25 8	27 3	28 14	19 13	21 9½	25
	Násik	15 8	17 2	17 0	...	...	...	7 7	7 7	5 15	12 0	12 10	11 15	...	...	26 10	21 3	22 9	19
	Ahmednagar	13 2	13 13	18 0	...	...	...	9 7	10 5	8 7	14 11	12 14	11 3	28 4	29 3	32 12	23 5	24 8	27
	Poona	13 13	13 13	13 13	...	...	...	11 0	11 0	9 13	12 4	12 4	12 4	26 2	26 2	26 2	20 11	20 11	20
	Sholápur	15 6	15 6	17 11	...	...	...	10 7	10 15	10 15	11 13	11 13	11 13	33 10	36 4	34 8	27 9	28 8	32
	Kaládgi (Bagalkot)	21 0	21 0	18 11	15 0	15 0	14 0	6 8	7 0	8 0	9 8	9 8	10 0	35 0	35 0	41 0	31 0	31 0	38
	Satara	12 1	12 1	13 6	...	...	...	9 11	9 11	9 5	11 7	11 7	11 7	28 0	28 0	26 10	23 4	23 4	23
	Belgaum	19 0	20 8	20 0	11 8	11 8	11 8	10 8	10 8	11 8	11 0	11 0	12 0	28 0	29 0	29 0	26 0	27 0	32
	Dharwar (Hubli)	24 0	23 0	24 0	...	...	...	11 0	11 0	14 0	12 0	13 0	17 0	25 3	26 1	43 0	27 0	24 0	42
	Ratnágiri	11 14	11 14	11 3	...	...	...	10 10	11 6	8 9	16 15	16 15	14 2	20 13	20 13	18 3	19 10	19 10	15
	Kanara (Karwar)	16 0	16 0	13 0	...	...	...	8 0	8 0	7 0	15 0	16 0	13 8	20 0	20 0	24 5	16 0	16 0	16
	Pánch Mahals (Godhra)	12 5	12 5	11 6	...	...	...	11 6	11 6	11 6	15 0	15 0	16 0	26 10	26 10	50 0	16 0	16 0	33
	Aden	8 0	8 0	8 0	...	...	...	6 3	6 3	6 3	7 0	7 0	7 0	11 3	11 3	9 5	9 5	9 5	8
	Asirgarh	16 8	16 8	16 8	...	...	...	11 8	11 7½	10 0	13 4	13 0	12 0	31 0	30 10	34 0	32 0	30 5	30
	Baroda	12 0	12 0	12 9	14 9	14 14	22 14	8 9	8 9	8 5	12 0	12 0	13 11	17 2	...	25 2	14 14	14 9	23
	Disa	16 0	16 0	18 0	...	...	...	6 6	6 6	6 6	8 6	8 6	8 6	19 0	18 0	30 8	17 8	17 8	26
	Nimach	16 0	17 0	18 4	20 0	22 0	28 0	8 8	8 8	7 8	10 0	10 0	9 0	21 0	23 0	30 0	20 0	20 0	24
	Nasirabad	17 8	17 10	18 0	23 8½	25 0	28 0	6 0	6 0	6 0	7 0	7 0	7 0	28 0	28 0	28 8½	19 0	19 0	20
	Rajkot	14 4	14 12	20 0	...	...	...	6 0	6 0	5 8	11 0	11 0	12 0	16 0	16 12	28 0	14 12	15 12	23
	Upper Sindh Frontier	14 8	15 0	11 5	25 8	29 0	16 13¼	12 0	12 0	8 0	22 8	22 8	11 7	32 0	33 8	20 0	32 0	32 0	20
	Karachi	12 0	12 0	12 10	23 0	23 0	24 0	9 8	10 8	9 0	16 0	15 0	12 0	22 0	23 0	20 0	17 0	18 13	19
	Haidarabad (Nakur)	15 0	13 0	12 0	19 0	22 0	20 0	12 0	12 0	10 0	18 0	19 0	14 0	25 0	26 0	20 0	24 0	26 0	20
	Shikarpur	14 10	14 5	11 10½	29 1	26 8½	18 8	12 4	13 5	9 7	17 12	20 0	15 12	24 0	26 11	17 0	26 10	29 0	18
	Thar and Parkar (Umarkot)	15 13	13 2	15 3	...	...	...	...	...	...	12 13	12 8	9 8	...	...	...	22 0	22 0	16
	Western Districts.																		
Bengal	Burdwan	16 0*a*	16 0	16 0	35 0	55 0	30 0	29 0	28 8	24 0	33 0	32 4	26 12	...	...	...	...	...	...
	Bancoorah	17 0*b*	17 0	19 8	18 0	20 0	20 0	25 0	25 0	25 0	35 8	35 0	32 8	...	...	...	...	...	...
	Beerbhoom	15 0*c*	15 0	19 0	...	...	...	24 0	25 8	24 0	28 8	30 0	31 0	...	...	...	...	...	...
	Midnapore	14 8*d*	14 8	15 8	...	...	...	20 0	20 0	27 0	28 0	28 0	34 0	...	...	...	...	...	...
	Hooghly	20 0*e*	16 0	18 0	...	...	...	10 0	10 0	10 0	20 0	20 0	20 0	...	...	...	...	...	...
	Howrah	16 0	13 4	15 8	...	...	...	17 8	17 0	16 8	22 8	22 8	21 8	...	...	...	...	...	...

a In the sub-divisions retail prices of salt are as follows:—Cutwa 10-4 seers, Culna 12 seers, and Raneegunge 13-4 seers.
b In the interior retail prices of salt range from 10 to 16 seers.
c In the interior retail prices of salt range from 10 to 13-12 seers.

EN OF INDIA.

FINANCE AND COMMERCE.

OU INDIA FOR THE 1st HALF OF APRIL 1882.

P IN SEERS OF 80 TOLAHS.

Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murnwa, Nuglee), *Panicum Miliaceum*, &c.			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.			Districts.	Provinces.
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
35 3	35 3	32 3	26 10	26 10	40 0	215 13	215 13	215 13	...	...	...	13 13	13 13	12 0	Ganjam	Madras.
25 3	25 3	30 5	29 3	28 2	35 2	90 6	90 6	87 8	15 3	14 0	11 11	14 0	12 14	10 8	Vizagapatam	
36 6	36 6	36 6	31 8	31 8	46 3	194 6	194 6	160 6	14 10	12 8	12 8	14 10	12 8	12 8	Godavery	
38 3	39 3	38 3	29 2	34 3	29 14	145 13	145 13	145 13	15 11	15 11	13 2	15 3	15 3	12 13	Kistna	
26 6	36 6	27 5	23 2	26 3	26 13	93 5	93 5	93 5	14 13	14 13	13 3	14 13	14 13	12 11	Nellore	
31 8	31 8	33 0	33 2	34 13	32 11	194 6	194 6	194 6	14 6	13 8	13 14	13 14	13 0	13 8	Cuddapah	
33 0	37 5	34 14	40 5	40 0	40 5	...	...	...	11 14	11 14	11 14	11 14	11 14	11 14	Anantapur	
29 2	32 0	33 14	26 14	30 3	38 2	97 3	97 3	97 3	14 10	14 14	13 0	14 5	14 5	12 8	Bellary	
...	...	...	30 0	30 0	32 3	206 8	202 3	203 10	14 13	12 14	12 8	14 6	12 8	12 2	Kurnool	
28 13	29 10	26 6	27 5	27 11	29 13	81 6	81 6	81 6	16 8	15 13	14 6	16 0	15 3	13 14	Madras	
26 0	28 13	24 11	27 5	27 5	28 2	92 5	77 13	77 13	15 14	15 14	14 5	15 8	15 8	13 14	Chingleput	
35 14	34 3	31 10	31 8	31 8	36 6	140 0	140 0	140 0	14 13	14 13	12 11	14 5	14 5	12 5	North Arcot	
30 3	31 0	29 6	35 11	32 14	28 6	201 11	201 11	201 11	18 14	18 0	15 5	18 6	17 8	14 13	South Arcot	
38 14	37 11	33 3	33 3	33 3	29 11	194 6	194 6	194 6	15 10	15 3	13 5	15 10	15 3	13 5	Tanjore	
32 11	32 11	31 6	38 8	37 0	32 5	97 3	97 3	97 3	17 0	14 10	12 14	16 3	13 13	12 2	Trichinopoly	
32 8	32 8	32 8	43 10	43 10	37 6	140 14	131 3	145 13	17 0	13 13	14 0	16 13	13 8	13 8	Madura	
...	...	...	29 6	27 13	27 2	81 10	81 10	76 13	18 11	15 3	15 10	18 5	14 13	15 3	Tinnevelly	
31 3	29 8	32 13	34 3	38 0	43 11	131 3	131 3	131 3	14 2	14 2	12 3	13 10	13 10	11 11	Coimbatore	
21 10	20 14	18 11	23 3	23 3	25 11	121 8	121 8	121 8	9 3	9 3	9 3	9 3	9 3	9 3	Nilgiris	
32 8	32 8	27 6	39 6	40 6	39 6	151 10	151 10	151 10	15 6	14 5	14 5	14 5	13 5	13 5	Salem	
19 6	21 2	19 6	20 3	20 3	22 3	116 10	116 10	109 5	15 3	14 3	14 3	14 3	13 2	13 2	South Canara	
23 6	23 6	24 13	26 14	26 14	30 3	121 8	121 8	121 8	13 8	12 10	12 2	12 10	11 11	11 3	Malabar	
23 10	21 4	13 4	18 10	19 2	18 2	61 7	61 7	71 10	14 5	14 5	12 9	14 5	12 9	12 9	Bombay	Bombay.
...	...	...	21 0	22 8	25 0	80 0	80 0	80 0	16 8	16 8	13 4	16 0	16 0	13 0	Ahmedabad	
...	...	...	20 0	20 0	26 12	80 0	80 0	80 0	...	...	...	16 0	16 0	12 13	Kaira	
...	...	...	14 14	14 14	17 12	80 0	80 0	80 0	13 15	13 10	11 6	13 15	13 10	11 6	Surat	
...	...	...	15 4	17 7	21 5¼	106 0	106 0	106 0	15 4	15 4	12 12¾	15 4	15 4	12 12¾	Broach	
25 11	25 11	15 1	14 5	14 5	15 10	71 1	71 1	71 1	14 5	14 5	10 12	13 4	13 4	10 12	Tanna (Salsette)	
...	...	...	14 0	14 8	14 0	120 0	110 0	125 0	15 0	15 0	12 8	14 0	14 0	12 0	Colába (Alibag)	
...	...	...	17 8	17 15½	28 12	140 0	140 0	140 0	14 2	14 2	12 2	14 0	14 0	12 0	Khandesh (Dhulia)	
30 0	34 8	27 10	19 8	23 8	24 2	128 0	114 0	115 0	14 6	12 4	12 15	14 2	12 0	12 13	Násik	
...	...	...	22 7	23 11	25 14	91 5	91 5	98 0	14 12	13 14	12 7	14 10	13 12	12 4	Ahmednagar	
...	...	...	18 6	19 9	20 11	76 0	68 0	76 0	14 11	14 3	12 8	14 7	13 15	12 4	Poona	
...	...	...	25 9	26 0	30 2	98 0	106 0	91 6	14 0	14 4	11 8	13 8	14 0	11 4	Sholápur	
...	...	...	15 8	16 0	21 0	110 0	110 0	112 0	12 0	12 3	11 0	11 0	12 0	10 0	Kaladgi (Bagalkot)	
...	...	...	18 3	18 3	16 14	137 1	137 1	137 1	16 6	12 6	12 6	14 9	11 10	11 6	Satara	
35 0	34 0	35 0	15 8	16 0	18 8	70 0	70 0	70 0	12 8	12 2	12 8	12 0	11 10	12 0	Belgaum	
28 0	35 0	49 0	14 0	13 0	21 0	80 0	80 0	80 0	9 13	9 13	8 12	9 0	9 0	8 0	Dharwar (Hubli)	
23 8	23 8	18 13	15 6	15 6	16 13	150 0	150 0	180 0	14 6	11 13	11 0	14 4	11 10	11 0	Ratnágiri	
22 0	23 0	20 3	15 0	15 0	16 0	213 5	213 5	213 5	12 3	11 8	11 0	11 7	11 0	10 8	Kanara (Karwar)	
23 0	23 0	50 0	26 10	26 10	32 0	200 0	200 0	200 0	...	...	...	15 4	15 4	11 6	Pánch Mahals (Godhra)	
...	...	...	9 5	9 5	9 5	65 5	65 5	65 5	...	...	...	32 0	32 0	32 0	Aden	
...	...	...	26 8	27 4	30 0	160 0	160 0	160 0	12 12	12 4	10 0	12 12	12 4	10 0	Asirgarh	
...	...	...	17 2	17 2	22 5	85 0	85 0	86 0	14 5	14 5	12 0	14 5	14 5	11 11	Baroda	
...	...	...	18 4	19 0	20 4	137 8	137 8	137 8	13 8	11 8	9 0	13 0	10 8	8 0	Disa	
...	...	...	18 0	23 0	23 4	160 0	160 0	160 0	...	...	...	10 0	11 0	8 8	Nimach	
...	...	...	25 0	25 8	25 7½	90 0	88 7	90 0	*16 6¾	*16 6½	...	16 0	16 0	13 0	Nasirabad	
...	...	...	19 12	20 8	27 0	80 0	80 0	90 0	†70 0	†65 0	†50 0	65 0	50 0	...	Rajkot	
40 0	40 0	...	22 0	22 8	14 8½	160 0	160 0	320 0	‡10 10¾	‡10 10¾	10 0	10 8	10 8	10 0	Upper Sindh Frontier	
13 0	13 0	9 8	16 0	18 13	19 0	105 0	105 0	105 0	17 13	17 13	14 3	17 0	17 0	14 0	Karachi	
24 0	24 0	...	10 0	10 0	11 0	480 0	480 0	320 0	14 0	12 0	10 0	14 0	12 0	10 0	Haidarabad (Sakur)	
...	...	...	21 4	23 2	15 8	280 0	290 0	230 0	13 10	12 8	11 0	13 8	12 4	10 12	Shikarpur	
...	...	...	...	...	7 8	160 0	160 0	160 0	10 11	9 10	9 10	10 11	9 10	9 10	Thar and Parkar (Umarkot)	
									Prices per md. of 40 seers.						*Western Districts.*	Bengal.
									Rs. A. P.	Rs. A. P.	Rs. A. P.					
...	...	...	23 0	25 8	22 0	160 0	166 0	100 0	2 12 0	2 15 6	...	13 5	13 0	10 0	Burdwan	
...	...	...	21 0	21 0	20 0	320 0	320 0	320 0	3 4 0	3 4 0	...	12 0	12 0	9 0	Bancoorah	
...	...	...	26 8	27 0	27 0	200 0	180 0	180 0	3 5 3	3 10 0	...	12 0	10 8	9 0	Beerbhoom	
...	...	...	...	...	...	...	...	160 0	3 0 0	3 13 0	...	13 0	10 0	9 0	Midnapore	
...	...	...	21 0	21 0	20 0	100 0	100 0	120 0	2 12 0	3 2 0	...	13 0	12 0	9 0	Hooghly	
...	...	...	22 8	22 8	20 0	80 0	80 0	80 0	2 14 0	3 0 0	4 0 0	13 0	13 0	...	Howrah	

* Sambhur † Common. ‡ In common use.

d In Ghattal retail price of salt is 14-4 seers.
e In the interior retail prices of salt range from 12 to 13-14 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPEE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Bengal—continued.	*Central Districts.*																		
	Calcutta	14 9	14 0	17 0	26 14	26 14	29 0	10 0	10 0	7 6	20 0	17 12	17 10	29 0	32 0	33 0	...	...	...
	24-Pergunnahs	12 5*f*	11 8	13 8	20 0	21 4	23 0	10 0	10 0	10 8	20 0	20 0	18 12	...	23 0	20 0	...	...	...
	Nuddea	16 13	16 13	16 0	32 0	26 0	32 0	21 5	22 15	18 13	22 15	24 10	21 5½	...	...	...	...	...	...
	Jessore	17 0*g*	14 0	17 0	...	...	...	23 0	21 8	20 0	29 0	29 0	29 0	...	...	...	...	...	...
	Moorshedabad	20 0*h*	18 0	20 0	...	...	...	18 0	18 0	22 0	28 0	28 0	32 0	...	...	...	...	...	...
	Dinagepore	15 3½*i*	13 10	15 0	22 13	22 13	27 0	23 4	26 6	24 0	32 0	33 9	33 0	...	...	...	...	...	...
	Rajshahye	18 12*j*	18 12	16 8 to 20 4	45 0	45 0	60 0	21 0	21 0	21 0 to 22 8	26 0	25 8	21 0 to 30 0	...	...	...	...	...	...
	Rungpore	15 0*k*	12 0	18 0	...	...	...	15 0	15 0	15 0	25 14	25 14	22 8	...	...	...	...	...	...
	Bogra	19 14	22 8	24 0	...	...	...	19 8	18 0	24 0	30 0	31 14	39 6	...	...	...	...	...	...
	Pubna	21 0*l*	22 8	22 8	...	...	...	10 0	10 0	12 0	26 8	26 8	31 0	...	...	...	...	...	...
	Darjeeling	8 0	8 0	8 0	8 0	8 0	8 0	5 0	6 0	5 0	14 0	15 0	13 0	...	...	...	...	...	...
	Jalpaiguri	9 0*m*	9 0	10 0	20 0	20 0	...	18 0	18 0	16 0	24 0	24 0	25 0	...	...	...	...	...	...
	Eastern Districts.																		
	Dacca	17 0*n*	15 0	16 0	53 0	40 0	45 0	21 4	22 10	29 0	29 0	29 0	35 0	...	...	...	...	...	...
	Furreedpore	22 0*o*	22 0	20 0	30 0	30 0	30 0	24 0	20 0	7 0	26 0	26 0	25 0	...	...	...	...	...	...
	Backergunge	... *p*	...	...	...	...	...	24 0	24 0	20 0	29 0	29 0	31 0	...	...	...	...	...	...
	Mymensingh	10 0*q*	10 0	11 8	...	...	...	20 0	20 0	20 0	30 0	30 0	25 0	...	...	...	...	...	...
	Tipperah	13 4	13 4	13 4	...	...	...	26 8	25 8	27 0	33 0	33 0	37 0	...	...	...	...	...	...
	Chittagong	9 0*r*	9 0	12 4	...	...	...	17 0	17 0	16 0	23 0	23 0	30 0	...	...	...	...	...	...
	Noakholly	... *s*	...	...	...	...	...	27 0	28 0	27 0	32 0	32 0	32 0	...	...	...	...	...	...
	Chittagong Hill Tracts	...	...	...	...	...	...	14 8	13 5	16 0	17 12	17 12	17 3	...	...	...	...	...	...
	Hill Tipperah	10 0	10 0	9 0	...	...	...	28 0	26 0	23 0	39 0	39 0	36 0	...	...	...	...	...	...
	Behar.																		
	Patna	19 0	19 0	26 0	50 0	50 0	40 0	13 6	13 6	16 0	21 0	21 0	26 10	...	...	...	...	...	...
	Gya	19 8*t*	18 8	22 1	30 0	28 0	39 0	11 0	11 8	13 0	22 0	22 0	24 0	...	...	...	...	...	...
	Shahabad	16 0*u* to 17 0	16 0 to 18 0	21 0 to 22 0	35 0	37 0	38 0	20 0 to 22 0	20 0 to 22 0	19 0 to 20 0	24 0	23 0	23 0 to 24 0	...	...	...	...	...	...
	Durbhunga	15 0*v*	15 0	19 0	28 0	28 0	30 0	13 0	14 0	14 0	17 0	20 0	22 0	...	...	...	...	...	...
	Mozufferpore	19 0*w*	17 0	20 0	30 0	30 0	45 0	12 0	12 0	11 0	17 0	20 0	24 0	...	...	...	...	...	...
	Sarun	15 8	15 0	20 0	35 0	34 0	42 0	10 8	11 0	10 8	22 0	22 0	23 8	38 0	37 0	43 0	...	...	...
	Chumparun	... *x*	15 0	21 0	...	...	45 0	12 0	12 0	14 0	22 0	23 0	21 0	...	...	...	...	...	...
	Monghyr	19 14*y*	16 0	23 1	31 8	32 0	47 0	20 0	16 0	16 12	23 4	22 12	21 0	...	...	...	...	...	...
	Bhágalpur	17 11*z*	15 2	18 15	37 14	40 6	40 6	20 3	20 3	18 15	25 4	24 0	22 11	...	...	...	...	...	...
	Purneah	16 0*z*1	14 0	24 0	...	...	40 0	22 0	24 0	25 0	30 0	30 0	30 0	...	...	...	...	...	...
	Maldah	16 0	16 0	18 0	...	...	...	17 0	16 0	16 0	23 0	24 0	29 0	...	...	...	...	...	...
	Sonthal Pergunnahs	13 0*z*2	13 0	14 8	...	...	...	25 0	25 0	27 0	30 0	30 0	30 0	...	...	...	...	...	...
	Orissa.																		
	Cuttack	15 12	17 1	21 0	...	...	...	14 7	15 12	15 12	28 14	30 3	26 4	...	...	...	...	...	...
	Pooree	14 0*z*3	13 0	19 11	...	...	...	28 0	27 8	24 15	36 0	35 0	27 0	...	...	...	...	...	...
	Balasore	16 0*z*4	16 0	16 0	...	...	...	26 0	26 0	31 12	32 0	32 0	37 12	...	...	...	...	...	...
	Chota Nagpore—South-Western Frontier Agency.																		
	Hazaribagh	16 0*z*5	16 8	24 0	27 0	24 0	36 0	12 0	12 0	13 0	22 0	23 0	24 0	...	...	...	...	...	...
	Lohardugga	19 0*z*6	19 0	20 0	30 0	30 0	32 0	22 0	22 0	22 0	26 0	26 0	26 0	...	...	...	...	...	...
	Singbhoom	24 0	21 0	24 0	32 0	40 0	40 0	36 0	32 0	32 0	40 0	36 0	36 0	...	...	...	...	...	...
	Manbhoom	15 8*z*7	16 0	18 0	34 0	36 0	40 0	22 0	22 0	21 0	34 0	36 0	30 0	...	...	45 0	...	...	...

f In the sub-divisions retail prices of salt are as follow :—Diamond Harbour 10-8 seers, Barripore 10 seers, Barrackpore 12 seers, Bussirhat 13 seers, Satkhira, 11-8 seers, and Dum-Dum 10-8 seers.
g In the sub-divisions retail prices of salt are as follow :—Jhenida and Magoora 12 seers, Narail 8-8 seers, Khoolna 8 seers, and Bagirhat 11 seers.
h In the sub-divisions retail prices of salt are as follow :—Lalbagh and Jungypore 9-8 seers, and Kandi 9 seers.
i Retail price of salt at Raigunge 10-4 seers, and at Nitpore 10 seers.
j In Nattore retail price of salt is 12-8 seers.
k In the sub-divisions retail prices of salt are as follow :—Kurigram 9 seers, Gaibanda 11-4 seers, and Nilphamari 8 seers.
l In Serajgunge retail price of salt is 12 seers.
m Retail price of salt at Fallacotta in the Alipore sub-division is 6-8 seers.
n In the interior retail prices of salt are as follow :—Manickgunge 12 seers, Moonsheegunge 10-10½ seers, Roopgunge 8 seers, and Naraingunge 13 seers.
o Retail price of salt in Madaripore 12 seers, and in Bhanga 10 seers.
p In the sub-divisions retail prices of salt are as follow :—Patuakhali 10-10 seers, Bhola 10 seers, and Ferozepore 11 seers.
q In the interior retail prices of salt are as follow :—Kishoregunge 13-5 seers, Attia and Jamalpore 11 seers, and Netrokona 8-8 seers.
r Retail prices of salt at Kumariah 8 seers, Hathazari 10 seers, and Cox's Bazar 8 seers.
s In the interior retail prices of salt range from 6 to 11 seers.

NDIA FOR THE 1st HALF OF APRIL 1882—*continued.*

N SEERS OF 80 TOLAHS.

Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nagiee), *Panicum Miliaceum*, &c.			Gram.			Firewood.			Salt. Wholesale prices per maund of 40 seers.			Salt. Retail.			Districts.	Provinces.
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	S. Ch.	S. Ch.	S. Ch.		
															Central Districts.	
...	...	...	24 10	22 14	26 14	90 0	90 0	90 0	2 8 0	2 10 0	...	13 8	13 8	10 0	Calcutta	Bengal—*continued.*
...	...	...	20 0	20 0	20 0	100 0	90 0	90 0	3 0 0	3 0 0	...	10 8	10 12	8 0	24-Pergunnahs	
...	...	...	26 0	26 0	29 0	...	...	...	3 0 0	3 0 0	...	12 13½	12 13½	10 0	Nuddea	
...	...	...	22 8	21 0	20 0	110 0	110 0	110 0	3 8 0	4 0 0	...	11 8	8 0	8 0	Jessore	
...	...	...	32 0	30 0	32 0	120 0	120 0	120 0	3 12 0	3 12 0	...	10 0	10 0	8 0 to 9 8	Moorshedabad	
...	...	...	17 12	16 13½	16 0	160 0	180 0	180 0	3 8 0	3 8 0	...	...	...	8 8	Dinagepore	
...	...	...	28 0	28 0	21 0 to 28 2	240 0	240 0	250 0	3 1 0	3 8 0	...	13 0	11 4	9 0	Rajshahye	
...	...	...	20 0	20 0	11 4	135 0	135 0	120 0	4 0 0	4 0 0	...	9 8	10 0	8 12	Rungpore	
...	...	...	21 12	19 8	19 8	67 8	67 8	67 8	3 2 8	3 5 4	...	12 0	11 1	8 4	Bogra	
...	...	...	23 8	22 8	18 0	200 0	200 0	200 0	3 5 4	3 5 8	...	12 0	12 0	9 0	Pubna	
9 0	9 0	12 0	10 0	10 0	8 0	160 0	160 0	160 0	5 0 0	6 0 0	...	6 0	6 0	4 0	Darjeeling	
...	...	...	16 0	16 0	13 5	128 0	128 0	64 0	3 5 0	3 8 0	...	11 0	11 0	8 0	Jalpáiguri	
															Eastern Districts.	
...	...	...	24 5	25 0	18 0	91 4	91 4	106 0	3 2 0	3 0 0	4 2 0	12 4	13 0	9 8	Dacca	
...	...	...	16 0	16 0	13 0	...	...	...	3 1 3	4 3 4	...	12 0	8 0	10 0	Furreedpore	
...	...	...	21 0	21 0	18 8	100 0	100 0	100 0	3 11 0	4 8 0	...	10 9	10 0	8 12	Backergunge	
...	...	...	20 0	23 0	18 0	...	...	...	3 4 0	3 8 0	...	12 0	11 8	9 4	Mymensingh	
...	...	...	20 0	20 0	18 0	...	...	...	3 4 0	3 6 0	...	...	...	9 8	Tipperah	
...	...	...	16 0	16 0	13 0	80 0	80 0	80 0	2 11 0	3 11 0	3 14 0	10 0	10 0	9 0	Chittagong	
...	...	...	16 0	16 0	16 0	...	...	...	4 6 0	4 6 0	...	8 8	8 8	8 0	Noakholly	
...	...	...	...	...	...	320 0	320 0	320 0	4 8 0	4 8 0	...	8 0	8 0	8 0	Chittagong Hill Tracts	
...	...	...	13 0	13 0	9 0	...	...	...	4 0 0	4 0 0	...	10 0	10 0	8 0	Hill Tipperah	
															Behar.	
...	...	...	42 8	42 8	40 0	130 0	130 0	120 0	3 15 6	3 15 6	...	9 1	9 1	...	Patna	
...	...	...	29 0	28 0	32 0	120 0	140 0	180 0	3 6 0	3 6 0	...	11 8	11 8	9 0	Gya	
...	...	...	32 0	30 0 to 31 0	40 0	120 0	120 0	140 0	3 2 0	3 2 0	...	12 0	12 0	9 8	Shahabad	
40 0	40 0	35 0	28 0	25 0	28 0	160 0	160 0	140 0	3 5 4	3 10 2	...	12 0	11 0	8 8	Durbhunga	
...	...	...	29 0	25 0	30 0	140 0	140 0	140 0	3 8 0	3 8 0	...	12 0	11 0	9 8	Mozufferpore	
33 0	32 0	34 0	31 0	32 0	33 0	160 0	160 0	160 0	3 8 0	3 4 0	...	11 0	11 0	9 0	Sarun	
...	...	...	24 0	24 0	28 0	...	...	...	4 8 0	4 8 0	...	10 0	9 8	8 0	Chumparun	
...	...	...	34 10	32 0	33 9	126 0	120 0	126 0	3 13 0	3 13 0	...	9 3	9 0	8 6	Monghyr	
...	...	...	32 13	27 12	32 12	138 14	138 4	126 4	3 0 0	3 0 0	...	11 5	11 6	9 6	Bhágalpur	
...	...	...	23 0	20 0	23 0	160 0	160 0	120 0	4 0 0	4 2 0	...	10 0	9 0	8 0	Purneah	
...	...	...	25 0	25 0	20 0	120 0	120 0	100 0	3 10 0	4 5 0	...	9 0	9 8	9 0	Maldah	
...	...	...	22 0	22 0	22 0	200 0	200 0	200 0	3 12 0	4 0 0	...	10 0	9 8	8 0	Sonthal Pergunnahs	
															Orissa.	
4 7	15 12	21 0	23 10	24 15	26 4	160 0	160 0	160 0	3 0 0	3 8 0	3 8 0	13 0	11 0	11 0	Cuttack	
...	...	...	17 0	17 8	19 11	105 0	105 0	100 0	3 6 0	3 6 0	...	11 0	11 0	11 13	Pooree	
...	...	...	16 0	16 0	13 5	160 0	160 0	105 0	3 2 0	3 7 0	4 6 0	13 0	11 0	9 4	Balasore	
															Chota Nagpore—South-Western Frontier Agency.	
6 0	39 0	45 0	21 0	23 0	28 0	240 0	240 0	200 0	3 10 0	3 9 6	...	10 0	9 0	8 0	Hazáribágh	
8 0	40 0	50 0	20 0	20 0	24 0	140 0	140 0	160 0	4 0 0	4 0 0	...	9 0	9 0	8 0	Lohardugga	
...	...	...	24 0	21 0	24 0	180 0	160 0	160 0	4 0 0	4 13 6	...	8 0	8 0	7 0	Singbhoom	
...	...	64 0	20 0	20 0	20 0	120 0	120 0	140 0	3 8 0	3 8 0	...	11 0	10 8	9 0	Manbhoom	

t In Nowada retail price of salt is 9 seers.
u In the sub-divisions retail prices of salt are as follow:—Buxar 10 seers, Sasseram 11 seers, and Bhabooah 10-8 seers.
v In the sub-divisions retail prices of salt are as follow:—Madhubani 11 seers and Tajpore 10 seers.
w In the interior prices of salt range from 8 to 12 seers.
x In the interior retail prices of salt range from 9-12 to 13 seers.
y In the sub-divisions retail prices of salt are as follow:—Begooserai 11 seers and Jamui 12 seers.
z In the sub-divisions retail prices of salt are as follow:—Banka 11 seers, Mudehpoora 9 seers, and Soopole 10 seers.
z1 In the sub-divisions retail prices of salt are as follow:—Kissengunge 8 seers and Arrareah (Ranigunge) 8 seers.
z2 Retail price of salt in Godda 10 seers.
z3 In Khoorda retail price of salt is 13 seers.
z4 In Bhadrak retail price of salt is 9 seers.
z5 Retail price of salt in Chatra 10 seers, and in Kharagdiha 11-12 seers,
z6 Retail price of salt at Daltongunge 8 8 seers.
z7 In the interior retail prices of salt range from 9 to 11 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPEE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra) *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Assam.	Sylhet	13 0	13 0	13 0	...	...	...	17 0	17 0	16 0	35 0	35 0	28 0	...	...	...	...	...	...
	Cachar	11 6	10 10	8 0	20 0	20 0	20 0	24 10	22 12	17 12	29 1	29 1	20 0	...	...	...	...	...	...
	Goálpára	26 10	32 0	20 0	...	...	...	11 0	12 4½	13 5	20 0	22 13¾	20 0	...	...	...	...	...	...
	Gáro Hills	4 0	4 0	4 0	...	...	...	5 0	5 0	5 0	20 0	20 0	18 0	...	...	...	...	...	...
	Kámrúp	17 0	18 0	14 0	...	...	...	13 0	13 0	18 0	17 0	20 0	22 0	...	...	...	...	...	...
	Darrang	...	...	8 0	...	...	...	10 0	10 0	8 0	16 0	16 0	16 0	...	...	...	...	...	...
	Nowgong	...	...	...	...	...	...	13 8	13 8	10 0	16 0	16 0	16 0	...	...	...	...	...	...
	Sibságar	...	...	...	...	...	...	6 8	7 0	8 0	16 0	16 0	16 0	...	...	...	...	...	...
	Lakhimpur	8 0	8 0	...	10 0	10 0	...	7 0	7 0	...	16 0	16 0	...	...	...	...	...	...	...
	Khási & Jaintiá Hills	...	10 0	8 0	...	...	...	8 0	9 0	8 0	9 0	10 0	9 0	...	...	...	...	...	...
	Nága Hills	...	...	...	...	...	...	4 0	4 0	5 0	8 0	8 0	...	...	...	...	...	...	...
N. W. Provinces.	Debra Dún	19 0	19 8	17 0	32 0	33 0	29 0	11 4	11 4	11 0	13 0	13 8	12 8	24 0	24 0	20 0	24 0	26 0	17
	Saháranpur	21 9	21 9	18 15	32 5	32 5	28 0½	10 12	10 12	8 10	12 15	14 0	11 14	24 13	26 15	25 14	25 14	29 1	12
	Muzaffarnagar	21 0	20 4	21 8	35 5	35 5	33 0	6 9	6 9	6 9	14 5	14 5	14 5	30 4	30 4	26 6	28 10	27 8	21
	Meerut	18 8	18 12	21 0	26 0	27 0	32 0	6 0	6 0	5 8	16 0	16 0	14 0	28 8	28 8	26 0	26 0	25 0	22
	Bulandshahr	19 14	19 8	20 4	27 8	28 0	32 0	6 0	6 0	6 0	10 10	10 5	12 0	26 0	27 0	25 0	22 0	22 0	22
	Aligarh	19 0	17 8	20 8	26 8	27 0	29 0	6 8	6 8	6 0	16 8	13 8	15 0	26 8	26 8	20 8	21 0	22 0	22
	Kumaun	18 0	18 0	12 8	20 0	20 0	15 0	10 0	10 0	8 0	14 0	14 0	11 0	...	...	...	...	...	
	Garhwál	22 0	22 0	17 0	28 0	28 0	18 0	10 0	10 0	9 0	16 0	16 0	13 4	...	...	...	...a	...a	
	Bijnor	18 9	18 0	19 11	27 9	25 5	31 4	12 6	11 4	11 4	12 15	12 15	13 8	27 0	25 5	20 4	21 6	21 6	11
	Moradabad	21 9	19 6	20 10	30 0	30 10	31 4	8 2	8 2	7 8	14 6	14 6	15 10	27 8	27 8	23 12	23 2	23 12	22
	Budaun	21 0	19 12½	21 9½	28 12½	28 12½	32 6	9 9½	9 9½	6 0	15 14	15 9½	14 6	24 0	25 3	19 3	21 0	21 0	11
	Bareilly	20 10	20 0	21 14	26 14	30 0	31 4	7 8	7 8	6 4	15 0	15 0	14 6	24 6	26 4	30 0	20 0	22 8	22
	Sháhjahánpur	22 8	18 8	21 12	29 8	29 12	31 8	9 4	9 4	7 8	16 0	16 0	14 0	...	...	...	...	...	
	Tarái Pergunnahs	23 0	22 0	20 0	40 0	35 0	35 0	10 0	10 0	8 12	15 0	15 0	15 0	...	27 0	22 8	...	25 0	22
	Muttra	No ret	urn rec	eived	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Agra	18 8	17 12	19 0	24 8	25 8	24 0	6 0	6 0	4 0	14 0	14 8	13 8	25 0	24 8	25 0	22 0	23 8	23
	Farukhabad	18 15	18 3	20 3	26 14½	27 11	29 0	8 3	7 13½	6 2	16 0	16 12	14 4	26 9	26 8	23 2½	24 14	23 16½	22
	Mainpuri	20 0	18 0	18 4	25 0	26 0	27 4	5 0	5 0	5 8	12 0	13 0	12 8	...	26 0	...	...	22 0	
	Etáwah	20 8	16 8	19 0	23 0	23 8	25 8	6 0	6 0	6 0	14 8	14 8	15 0	24 0	24 0	23 0	23 0	23 0	23
	Etah	22 0	19 0	21 0	26 0	26 0	30 0	6 0	6 0	8 0	13 0	14 0	14 0	...	26 0	...	19 0	20 0	
	Jalaun	22 8	22 0	22 0	22 0	20 0	26 0	10 0	10 0	8 0	13 0	13 0	12 0	30 0	30 0	24 0	27 0	27 0	20
	Jhánsi	24 11	24 5	24 11	34 14½	34 0	35 6	9 8	9 8	7 8	15 0	15 0	13 0	30 3	30 0	31 14	...	23 8	
	Lalitpur	25 0	25 8	23 8	36 0	36 0	34 0	10 0	9 0	8 0	14 0	13 0	10 0	34 0	34 0	28 0	32 0	30 0	26
	Cawnpore	21 0	20 4	21 8	30 0	30 8	31 0	11 0	11 8	10 0	16 8	17 8	15 8	32 0	32 0	32 0	28 0	28 0	27
	Fatehpur	No ret	urn rec	eived	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Bánda	22 0	21 0	19 8	25 0	25 0	24 0	10 0	10 0	8 0	16 0	17 0	16 0	35 0	35 0	27 0	33 0	33 0	25
	Allahabad	19 4	18 8	19 12	28 0	29 8	27 8	11 8	11 0	11 0	18 0	18 8	17 6	33 8	33 0	29 0	32 0	31 8	26
	Hamírpur	19 11	16 8	20 13	23 10	25 0	26 7	...	...	10 0	15 12	12 0	16 0	31 8	28 4	24 3	...	...	22
	Jaunpur	21 3	21 3	21 14	31 12	33 14	31 1	8 7	8 7	8 7	15 8	17 10	16 15	...	32 7	...	22 9	25 6	22
	Gorakhpur	20 13	20 13	23 6½	36 0	30 9½	39 9½	17 1½	17 1½	16 3	21 9½	21 9½	23 6½	...	36 0	43 3	...	...	40
	Basti	20 0	16 8	26 0	42 0	46 0	48 0	16 0	16 0	17 4	20 0	22 0	22 0	...	45 0	...	...	...	
	Azamgarh	19 15	15 8	19 3	31 0	32 7	32 7	10 5	10 5	8 12	16 4	19 4	19 3	41 4	41 4	39 12	...	...	
	Mirzapur	17 0	17 0	19 0	26 0	26 0	28 0	10 0	10 0	10 0	19 0	18 0	16 0	27 0	27 0	29 0	25 0	26 0	28
	Benares	17 14	17 10	18 2	27 10	26 8½	28 3	13 0	13 0	12 7	20 9	17 14	22 4	29 4	29 4	...	27 10	27 10	28
	Gházipur	19 5	17 6	23 13	30 14	32 13½	34 1	11 0	11 0	10 15	20 0	19 15	19 15	36 1	41 3	41 3	27 0	30 8	30
	Balia	16 4	15 8	20 0	27 8	30 0	40 0	10 0	10 0	10 0	15 0	15 0	23 0	...	...	...	...	...	
	Pilibhít	20 12	19 4	21 4	31 12	32 8	40 0	15 2	15 12	10 0	17 10	17 8	17 8	25 8	25 10	...	21 0	21 0	
Oudh.	Lucknow	19 12	19 11	21 0	28 13½	29 13	31 0½	6 0	6 0	6 0	14 13½	15 8¼	15 4	27 2	27 3¾	28 8	25 0½	26 4¾	21
	Unáo	20 0	18 11	20 1	28 0	27 3	28 0	12 0	12 0	8 0	17 0	17 0	15 0	32 0	32 0	28 0	26 0	26 0	21
	Bára Banki	20 0	20 0	21 0	28 0	28 0	32 0	10 0	10 0	8 0	19 0	19 0	15 0	34 0	34 0	33 0	24 0	26 0	20
	Sitapur	20 0	20 0	21 14	26 0	25 5	32 4	8 0	8 0	8 8	19 0	19 0	16 10	24 3½	26 8	32 4	23 9	26 8	23
	Hardui	18 8	17 12	20 5	28 2	28 2	33 12	7 8	7 8	5 10	13 2	13 2	13 2	...	21 9	...	...	22 8	
	Kheri	20 8	19 4	22 8	27 12	27 0	32 0	7 0	7 0	7 0	16 0	16 0	16 0	28 0	27 0	...	...	...	
	Fyzabad	No ret	urn rec	eived	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Bharaich	15 0	15 0	19 0	38 0	37 0	40 0	9 0	9 0	9 0	18 0	18 0	18 0	40 0	45 0	50 0	14 0	15 0	18
	Gonda	21 4	19 8	22 13	35 8	34 0	37 12	17 0	17 4	17 4	20 0	20 12	19 2	42 0	42 0	43 0	27 0	27 0	22
	Rai Bareli	20 10	20 8	22 2	27 8	28 8	25 8	17 8	13 8	18 8	18 8	14 4	29 0	29 8	...	...	28 8	...	
	Sultánpur	22 0	22 0	22 0	34 8	34 0	31 0	12 0	12 0	11 0	20 0	21 0	18 0	...	...	...	...	...	
	Partábgarh	21 12	20 10	22 0	32 10	32 6	32 5	16 8	17 5	13 10	17 8	18 5	15 0	...	...	...	...	...	
Punjab.	Delhi	19 0	19 0	18 12	28 0	27 0	28 0	...	...	...	15 0	15 0	15 0	28 0	27 0	23 8	22 8	22 0	20
	Gurgaon	18 8	18 8	21 0	27 0	27 0	30 0	...	...	...	13 0	13 0	13 0	24 0	24 0	24 0	22 0	22 0	22
	Karnál	20 0	20 0	18 0	35 0	35 0	32 0	...	...	...	12 0	12 8	12 0	31 0	32 0	27 0	24 0	28 0	21
	Hissar [a]	20 0	20 0	16 8	31 0	31 0	28 0	...	...	...	10 0	10 0	10 0	35 0	34 0	27 0	31 0	29 0	21
	Rohtak	21 0	21 0	18 0	25 0	25 0	27 0	...	...	...	9 0	9 0	11 0	26 8	28 0	25 0	25 0	25 0	21
	Sirsa [b]	20 4	21 0	17 0	38 0	45 0	32 0	...	...	...	14 0	14 0	12 0	45 0	45 0	25 0	33 8	35 8	21
	Umballa	23 8	24 0	17 14	38 0	36 0	26 0	...	...	...	14 0	14 0	12 10	34 0	36 0	27 4	31 0	32 0	22
	Ludhiána [c]	25 8	26 0	21 0	40 0	40 0	29 0	...	...	...	12 0	12 0	12 0	40 0	40 0	27 0	32 0	35 0	21
	Simla [d]	...	...	14 0	...	...	...	...	...	...	13 8	13 0	11 0	...	...	...	...	...	
	Jullundur [e]	23 8	23 0	18 0	41 0	40 0	30 0	...	...	...	9 0	9 0	8 0	36 0	33 0	26 0	23 0	24 0	18
	Hoshiárpur [f]	24 0	24 0	20 0	40 0	38 0	25 0	...	...	...	12 0	10 0	12 0	30 0	27 0	24 0	22 0	23 0	18
	Kangra	21 0	21 0	17 0	34 0	34 0	22 0	...	...	...	15 0	15 0	14 0	...	...	...	...	...	

a Mandua—Present 36 seers, past 35 seers, and corresponding 22 seers.
[a] Gram falling. [b] Barley rising. * Jowar (large). † Choti jowar. [c] Bajra rising. ‡ Kodon.

INDIA FOR THE 1st HALF OF APRIL 1882—*continued.*

IN SEERS OF 80 TOLAHS.

Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee). *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt.						Districts.	Provinces.
									Wholesale.			Retail.				
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
S. Ch.	S. Ch	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A.	Rs. A.	Rs. A.	S. Ch.	S. Ch.	S. Ch.		
									per maund.							
...	...	...	24 8	22 0	12 0	108 0	108 0	108 0	3 6	...	...	11 12	11 0	8 8	Sylhet	Assam.
...	...	...	21 5	20 0	16 0	80 0	80 0	64 0	3 0	...	...	12 4	11 6	9 2	Cachar	
...	...	...	16 0	16 0	11 6	120 0	120 0	120 0	4 0	...	...	10 0	9 6¾	8 0	Goálpárá	
...	...	...	8 0	8 0	6 8	160 0	160 0	160 0	5 6	...	...	6 6	5 5	5 5	Gáro Hills	
...	...	...	12 0	13 0	13 0	160 0	200 0	200 0	3 8	...	...	11 0	11 0	8 0	Kámrúp	
...	...	...	8 9	8 15	7 3	160 0	160 0	160 0	5 0	...	...	8 0	8 0	7 0	Darrang	
...	...	...	8 0	8 0	8 0	120 0	120 0	100 0	5 0	...	...	8 0	8 0	8 0	Nowgong	
...	...	...	10 0	10 0	8 0	80 0	80 0	120 0	5 0	...	...	6 8	7 0	6 8	Sibságar	
...	...	...	11 0	11 0	...	120 0	120 0	...	5 0	...	...	8 0	9 0	...	Lakhimpur	
...	...	...	8 0	...	...	...	...	...	5 8	...	...	7 4	5 5	5 5	Khási & Jaintiá Hills	
...	...	...	2 0	2 0	3 0	120 0	120 0	120 0	15 0	...	...	2 11	2 11	2 0	Nága Hills	
									S. Ch.	S. Ch.	S. Ch.					N. W. Provinces.
...	...	...	23 0	24 13	17 8	160 0	160 0	160 0	...	...	...	11 8	10 8	11 0	Dehra Dún	
...	...	...	27 7	27 0	19 14	150 0	150 0	147 8	...	...	...	11 14	10 4	10 12½	Saháranpur	
...	...	...	26 6	25 5	22 0	132 0	132 0	132 0	...	...	...	...	...	...	Muzaffarnagar	
...	...	...	23 0	24 0	23 0	110 0	110 0	110 0	...	...	...	9 4	9 4	9 0	Meerut	
...	...	...	24 0	22 0	24 8	120 0	120 0	140 0	...	...	...	...	...	...	Bulandshahr	
...	...	...	24 0	22 0	24 8	130 0	130 0	140 0	...	...	...	13 0	11 8	11 8	Aligarh	
...	...	...	13 8	14 0	12 0	200 0	200 0	160 0	...	...	...	7 0	7 0	7 0	Kumaun	
...	...	...	9 0	9 0	6 0	320 0	320 0	200 0	...	...	...	7 0	7 0	7 0	Garhwál	
...	...	...	25 5	21 6	22 8	135 0	135 0	135 0	...	...	...	...	...	...	Bijnor	
...	...	...	22 8	23 2	19 6	125 0	125 0	120 0	...	...	...	...	...	...	Moradabad	
...	...	...	22 3	21 4½	22 12½	192 0	192 0	192 0	...	...	...	11 6	11 6	10 3	Budaun	
...	...	...	20 10	20 10	21 14	125 0	125 0	137 8	...	...	...	10 0	10 0	10 0	Bareilly	
...	...	...	22 8	20 12	20 8	200 0	200 0	180 0	...	...	...	11 8	11 0	10 4	Sháhjáhánpur	
...	...	...	19 0	20 0	23 12	120 0	120 0	120 0	...	...	...	11 0	10 0	10 0	Tarái Pergunnahs	
...	...	...	...	...	...	...	...	...	...	...	...	No return received			Muttra	
...	...	...	23 0	23 0	21 0	110 0	110 0	80 0	...	...	...	13 0	13 0	11 0	Agra	
...	...	...	23 4	23 8½	21 15	156 8	156 8	156 12	...	...	...	...	...	...	Farukhabad	
...	...	...	23 8	21 8	19 12	160 0	160 0	160 0	...	...	...	...	...	...	Mainpuri	
...	...	...	27 8	23 8	25 0	120 0	120 0	120 0	...	...	...	8 0	8 0	8 8	Etáwah	
...	...	...	24 0	22 0	17 8	140 0	140 0	100 0	...	...	...	...	...	11 8	Etah	
...	...	...	33 0	32 0	26 0	140 0	140 0	120 0	...	...	...	...	...	...	Jalaun	
...	...	...	30 11	30 11	29 14	200 0	200 0	200 0	...	...	...	...	...	...	Jhánsi	
...	...	...	34 0	36 0	35 0	200 0	200 0	200 0	...	...	...	...	...	...	Lalitpur	
...	...	...	28 8	30 0	24 8	150 0	150 0	170 0	...	...	...	14 0	13 0	12 8	Cawnpore	
...	...	...	...	...	...	...	...	...	...	...	...	No return received			Fatehpur	
...	...	...	34 0	34 0	23 8	160 0	160 0	200 0	...	...	...	...	...	...	Bánda	
...	...	...	29 6	31 0	25 4	160 0	160 0	160 0	...	...	...	9 0	10 0	9 4	Allahabad	
...	...	...	31 8	27 8	25 5	140 0	140 0	140 0	...	...	...	...	...	...	Hamírpur	
...	...	...	25 0	24 0	26 2	169 8	169 8	169 8	...	...	...	8 15	8 15	7 12	Jaunpur	
...	...	...	33 3	30 9½	41 6½	160 0	160 0	160 0	...	...	...	9 9½	9 9½	8 6½	Gorakhpur	
...	...	...	27 0	28 0	30 8	140 0	140 0	140 0	...	...	...	9 0	8 0	8 0	Basti	
...	...	...	23 10	23 10	26 9	147 8	147 8	147 8	...	...	...	9 3	9 3	8 2	Azamgarh	
...	...	...	25 0	25 0	24 0	100 0	100 0	100 0	...	...	...	9 0	9 0	9 0	Mirzapur	
...	...	...	23 5	24 6	26 0	120 0	140 0	120 0	...	...	...	...	...	...	Benares	
...	...	...	30 4	31 8½	33 7	103 0	130 0	180 0	...	...	...	9 10	9 10½	9 1	Gházipur	
...	...	...	27 8	27 8	31 4	100 0	100 0	120 0	...	...	...	...	...	...	Balia	
...	...	...	20 0	24 6	21 4	150 0	150 0	150 0	...	...	...	11 4	11 0	...	Pilibhít	
31 1*	32 2½	33 0	23 0	21 3	22 8	120 0	120 0	120 0	...	...	...	9 0	8 10½	9 0	Lucknow	Oudh.
26 0†	26 0	26 0	27 0	26 0	22 2	160 0	160 0	160 0	...	...	...	9 0	9 5	9 0	Unáo	
60 0‡	44 0	32 0	26 0	26 0	23 0	130 0	130 0	120 0	...	...	...	9 8	9 8	9 0	Bára Banki	
... §	...	30 0	22 3	23 0	25 12	160 0	160 0	160 0	...	...	...	9 0	9 8	9 8	Sitapur	
...	...	...	18 12	19 11	23 7	240 0	240 0	300 0	...	...	...	8 7	8 7	8 7	Hardui	
40 0‡	40 0	45 0	20 8	20 4	22 0	200 0	200 0	200 0	...	...	...	9 8	8 8	10 0	Kheri	
...	...	...	...	...	...	...	...	...	...	...	...	No return received			Fyzabad	
55 4‡	55 0	50 0	25 0	25 0	30 0	160 0	160 0	166 0	...	...	...	8 4	8 4	8 4	Bharaich	
40 0‖	47 0	45 0	29 4	25 0	29 8	200 0	200 0	240 0	...	...	...	10 0	9 0	9 0	Gonda	
...	...	21 10	21 4	19 4	...	160 0	160 0	160 0	...	...	...	8 0	8 0	8 0	Rai Bareli	
35 0	42 0	33 0	30 0	27 0	26 0	160 0	160 0	160 0	...	...	...	10 12	10 4	10 0	Sultánpur	
31 3¶	31 2	25 4	25 6	23 6	20 10	200 0	200 0	200 0	...	...	...	9 1	8 14	8 8	Partábgarh	
...	...	...	23 0	22 8	22 4	85 0	85 0	90 0	12 0	12 0	...	11 0	11 0	11 8	Delhi	Punjab.
...	...	...	22 8	22 4	24 0	140 0	140 0	120 0	12 0	12 0	...	12 0	12 0	10 0	Gurgáon	
...	...	...	26 8	28 0	24 0	160 0	160 0	160 0	11 0	10 12	...	10 12	10 8	10 0	Karnál	
...	...	...	32 0	28 0	26 8	80 0	80 0	100 0	12 0	11 8	...	11 8	11 0	10 8	Hissar	
...	...	...	25 0	27 0	23 0	100 0	100 0	100 0	10 2	9 15	...	9 4	9 4	10 8	Rohtak	
...	...	...	38 0	40 0	27 0	120 0	120 0	120 0	11 8	11 8	...	11 0	11 0	10 0	Sirsa	
...	...	...	30 0	31 0	22 8	130 0	130 0	160 0	13 8	13 9	...	13 8	13 8	11 7	Umballa	
...	...	...	35 0	34 0	25 0	100 0	100 0	100 0	14 6	15 0	...	14 4	14 4	12 0	Ludhiána	
...	...	...	...	21 8	16 8	90 0	100 0	90 0	10 8	9 12	...	9 14	9 2	8 7	Simla	
...	...	...	31 8	28 8	21 8	105 0	100 0	100 0	13 14	13 14	...	13 8	13 8	11 12	Jullundur	
...	...	...	31 0	28 0	22 0	110 0	100 0	120 0	14 0	13 0	...	13 8	12 8	11 8	Hoshiárpur	
...	...	...	21 0	22 0	17 0	140 0	140 0	160 0	10 0	10 0	...	9 0	9 0	9 0	Kangra	

§ Makai, moth, kodon, and sawan.
[*d*] Firewood rising.

‖ Lahurra, bajra, murwa, and kodo.
[*e*] Jowar falling.

¶ Peas, arhar, and mash.
[*f*] Jowar and firewood falling.

PRICES CURRENT OF FOOD-GRAINS THROUGHOU

QUANTITIES PER RUPE

Provinces.	Districts.	Wheat. Present fortnight.		Wheat. Past fortnight.		Wheat. Corresponding fortnight of 1881.		Barley. Present fortnight.		Barley. Past fortnight.		Barley. Corresponding fortnight of 1881.		Rice (best sort). Present fortnight.		Rice (best sort). Past fortnight.		Rice (best sort). Corresponding fortnight of 1881.		Rice (common). Present fortnight.		Rice (common). Past fortnight.		Rice (common). Corresponding fortnight of 1881.		Great Millet (Cholum, Jowar), Holcus Sorghum. Present fortnight.		Great Millet. Past fortnight.		Great Millet. Corresponding fortnight of 1881.		Bulrush Millet (Cumboo, Bajra), Penicillaria Spicata. Present fortnight.		Bulrush Millet. Past fortnight.		Bulrush Millet. Corresponding fort-	
		S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.
Punjab—*continued.*	Amritsar [a]	23	8	23	8	18	8	49	0	47	0	27	8	...		...		...		13	0	13	0	12	3	30	4	33	4	21	8	26	8	27	8	18	
	Siálkot	23	0	23	0	16	0	39	0	39	0	28	0	...		...		...		16	0	16	0	12	8	30	0	31	0	20	0	24	0	24	8	16	
	Gurdáspur	28	0	28	0	19	0	30	0	30	0	28	0	...		...		...		16	0	16	0	14	0	26	0	26	0	19	0	14	0	14	0	13	
	Lahore	23	0	23	0	16	0	42	0	40	0	27	0	...		...		...		10	0	10	0	11	0	35	0	35	0	22	0	26	0	26	0	19	
	Ferozepore [b]	22	0	22	0	17	0	45	0	38	0	30	0	...		...		...		14	0	11	0	11	0	40	0	41	0	24	0	32	0	29	0	...	
	Gujránwála	21	8	22	4	16	8	40	0	40	0	32	0	...		...		...		16	0	16	0	12	0	30	0	30	0	20	0	20	0	20	0	16	
	Ráwalpindi	19	12	19	0	13	4	35	0	34	0	19	0	...		...		...		9	8	9	8	6	8	27	0	27	0	20	0	21	0	20	0	16	
	Jhelum	19	8	20	0	15	0	29	0	31	0	23	0	...		...		...		8	0	8	0	8	0	29	0	27	8	19	0	23	0	23	8	17	
	Gujrát	20	12	23	4	16	10	39	8	40	0	26	8	...		...		...		12	0	12	0	8	0	27	0	33	0	20	8	29	0	29	12	18	
	Shahpúr	17	0	17	0	13	8	30	0	30	0	20	0	...		...		...		12	0	12	0	10	0	22	0	22	0	17	0	20	0	20	0	15	
	Mooltan	17	0	17	0	12	8	26	0	26	0	21	0	...		...		...		10	0	10	0	8	8	21	0	24	0	15	0	24	0	24	0	12	
	Jhang	17	8	17	8	13	12	34	0	36	0	20	0	...		...		...		8	0	11	8	8	0	26	0	24	0	20	0	22	0	22	0	15	
	Montgomery	21	0	21	0	13	8	30	0	30	0	19	0	...		...		...		5	8	5	8	5	0	30	0	30	0	...		24	0	24	0	...	
	Muzaffargarh	19	0	19	0	12	8	28	0	28	0	20	0	...		...		...		5	0	5	0	5	0	20	0	21	0	13	0	20	0	22	0	14	
	Dera Ismail Khán	16	12	16	6	8	13	29	12	27	14	11	9	...		...		...		8	12	8	10	7	3	28	10	28	13	12	8	22	8	22	8	10	
	Dera Ghazi Khán [c]	17	2	17	8	11	4	26	4	26	4	18	12	...		...		...		7	8	7	8	6	4	23	2	23	2	16	4	24	6	23	2	14	
	Bannu [d]	23	2	20	5	17	10	46	4	40	10	10	0	...		...		...		10	0	10	0	6	4	27	8	25	0	12	8	20	0	20	0	10	
	Peshawar	13	5	12	10	10	4	34	0	32	8	16	5	...		...		...		9	8	9	0	6	0	23	6	22	12	12	10	14	0	14	0	...	
	Kohát [e]	12	12	13	6	8	4	25	8	25	8	13	11	...		...		...		11	8	12	2	7	0	18	8	18	8	11	2	16	9	19	2	10	
	Házára	...		...		11	0	...		26	8	22	0	...		...		...		15	0	15	8	6	0	...		28	0	15	0	...		...		...	
Central Provinces.	Nágpur	19	12	22	4	22	4	...		...		...		8	8	8	8	9	12	17	4	17	4	15	12	30	12	30	12	32	12	...		...		...	
	Bhandára	23	12	23	12	23	0	...		...		...		9	12	10	0	9	0	19	12	20	0	18	12	22	8	25	8	26	0	...		...		...	
	Chánda	22	0	22	0	23	0	...		...		...		...		...		...		15	0	16	0	13	8	30	8	31	0	34	0	...		...		...	
	Wardha	22	12	23	4	24	8	...		...		...		8	12	8	12	8	12	12	12	12	12	14	12	34	0	34	0	28	0	...		...		...	
	Bálaghát	25	0	25	0	22	8	...		...		...		17	8	17	8	15	0	26	0	26	0	25	0	...		...		...		...		...		...	
	Jubbulpore	20	8	22	0	22	0	20	0	17	0	21	0	12	8	13	0	12	0	17	8	18	0	21	0	21	8	25	8	45	0	19	0	19	8	28	
	Saugor	24	0	26	0	26	8	...		...		35	0	8	0	8	0	9	0	10	0	10	0	11	0	32	0	32	0	45	0	26	0	26	0	32	
	Damoh	28	0	31	0	34	0	...		...		...		12	12	12	12	13	8	13	12	13	12	14	12	...		...		...		...		...		...	
	Seoni	24	0	27	0	25	0	...		...		...		13	0	13	0	13	12	18	0	19	8	18	0	...		...		...		...		...		...	
	Mandla	25	4	25	8	27	8	...		...		...		15	0	15	0	16	0	20	0	21	0	20	0	...		...		...		...		...		...	
	Betúl	19	0	20	0	20	0	...		...		...		9	0	10	0	12	0	10	0	11	0	13	0	24	0	25	0	40	0	...		...		...	
	Chhindwára	22	0	22	0	22	0	...		...		...		10	0	10	0	10	0	14	0	15	0	14	0	31	0	30	0	30	0	...		...		...	
	Hoshangabad	18	0	21	4	18	0	...		...		...		5	0	4	0	4	12	11	4	11	4	13	0	24	0	26	0	35	0	27	0	23	13	32	
	Narsinghpur	21	0	21	0	23	8	...		...		...		10	0	10	8	13	0	12	8	12	8	14	8	...		...		41	0	...		...		41	
	Nimár	18	0	18	0	20	0	...		...		...		...		...		...		12	8	12	15	11	8	34	0	32	6	39	13	32	0	31	4	32	
	Raipur	40	0	40	0	43	0	...		...		...		22	8	23	8	22	8	46	8	52	0	36	0	...		...		...		...		...		...	
	Sambalpur	27	0	27	0	23	0	...		...		...		34	0	41	0	30	0	54	0	54	0	48	0	...		...		...		...		...		...	
	Biláspur	54	0	52	0	52	0	...		...		...		36	0	45	0	30	0	52	0	52	0	52	0	...		...		...		...		...		...	
British Burma.	*Arakan Division.*																																				
	Akyab																																				
	Northern Arakan																																				
	Kyoukpyoo																																				
	Sandoway																																				
	Pegu Division.																																				
	Rangoon town and Hanthawaddy																																				
	Tharrawaddy																																				
	Prome																																				
	Irrawaddy Division.																																				
	Henzada																																				
	Bassein																																				
	Thonegwa																																				
	Thayetmyo																																				
	Tenasserim Division.																																				
	Moulmein town and Amherst																																				
	Tavoy																																				
	Mergui																																				
	Toungoo																																				
	Shwaygyin																																				
	Salween																																				
Hyderabad Assigned Districts.	Secunderabad	17	4	17	4	15	2	...		...		...		7	2	6	13	7	8	9	13	9	13	10	3	23	14	23	14	23	0	27	0	27	0	27	
	Bolarum	15	4	15	0	9	0	...		...		...		6	4	6	8	6	0	8	12	8	8	9	0	24	0	25	0	21	0	34	0	33	0	30	
	Chudderghat	20	4	22	0	18	1	...		...		...		7	12	7	11	8	1	9	9	9	10	9	9	25	11	25	11	25	11	...		...		...	
	Amráoti	19	0	18	0	22	0	11	0	11	8	9	8	8	0	8	0	8	0	10	0	10	0	10	0	29	0	32	0	36	0	26	0	26	0	26	
	Akola	19	0	19	0	21	0	...		...		...		9	0	9	0	6	0	11	0	10	0	10	0	30	0	30	0	32	0	27	0	27	0	23	
	Ellichpur	16	0	18	0	21	0	12	0	12	0	12	0	6	0	6	0	8	0	8	0	8	0	10	0	22	0	25	0	28	0	20	0	26	0	26	
	Buldana	20	0	20	0	25	0	...		...		...		...		...		...		11	0	11	0	11	0	32	0	32	0	40	0	30	0	30	0	36	
	Wún	16	0	18	0	17	0	...		...		...		7	8	7	8	8	0	10	8	10	0	13	8	32	0	36	0	36	0	...		...		...	
	Básim	23	0	25	0	24	0	...		...		...		5	0	5	0	5	0	12	0	12	0	15	0	32	0	32	0	27	0	...		...		...	

No return received

[a] Jowar rising. [b] Barley, rice and bajra falling. [c] Firewood falling.

NDIA FOR THE 1st HALF OF APRIL 1882—*continued.*

SEERS OF 80 TOLAHS.

Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Cornoo, Murnwa, Nuglee), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.			Districts.	Provinces.
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
...	...	...	31 8	30 8	21 0	90 0	90 0	90 0	14 8	12 13	...	14 0	12 4	12 8	Amritsar	Punjab—*continued.*
...	...	...	26 0	26 0	20 0	140 0	140 0	140 0	14 8	14 8	...	14 0	14 0	12 8	Siálkot	
...	...	...	29 0	29 0	19 0	120 0	120 0	120 0	13 0	13 0	...	12 8	12 8	11 0	Gurdáspur	
...	...	...	29 0	30 0	21 0	80 0	80 0	80 0	12 0	12 0	...	11 0	11 0	11 0	Lahore	
...	...	...	33 0	35 0	24 0	80 0	100 0	70 0	14 0	14 0	...	13 8	12 0	11 0	Ferozepore	
...	...	...	27 0	26 8	19 4	95 0	95 0	95 0	15 0	15 0	...	14 12	14 0	12 8	Gujránwála	
...	...	...	22 0	23 8	15 0	80 0	80 0	40 0	14 0	14 8	...	13 12	14 4	11 4	Ráwalpindi	
...	...	...	24 8	24 8	17 8	90 0	90 0	90 0	16 0	16 0	...	15 8	15 8	13 0	Jhelum	
...	...	...	24 12	27 4	18 0	100 0	100 0	100 0	...*	...*	...	15 0	15 0	12 8	Gujrát	
...	...	...	22 0	21 8	15 8	320 0	320 0	320 0	17 0	17 0	...	16 0	16 0	14 0	Shahpúr	
...	...	...	22 0	23 0	16 8	90 0	90 0	80 0	12 4	13 0	...	12 0	12 8	12 4	Mooltan	
...	...	...	21 4	22 0	16 0	200 0	200 0	200 0	14 12	15 6	...	14 0	15 0	13 0	Jhang	
...	...	...	26 0	28 0	17 0	200 0	200 0	200 0	11 4	11 4	...	10 4	10 4	10 8	Montgomery	
...	...	...	21 0	22 0	15 0	100 0	100 0	100 0	...*	...*	...	12 0	12 0	12 0	Muzaffargarh	
...	...	...	25 0	23 1	9 2	100 0	100 0	106 0	56 4	56 4	...	54 0	54 0	46 4	Dera Ismail Khán	
...	...	...	25 1	21 14	14 11	140 0	125 0	125 0	25 0	25 0	...	22 8	22 2	28 2	Dera Gházi Khán	
...	...	...	31 4	31 4	10 10	80 0	80 0	80 0	100 0	100 0	...	80 0	80 0	80 0	Bannu	
...	...	...	16 6	17 6	14 9	91 0	92 0	61 0	57 3	55 14	...	54 8	53 8	42 4	Pesháwar	
...	...	...	14 10	17 3	9 14	127 0	102 0	76 8	91 13	102 0	...	81 9	81 9	61 6	Kohát	
...	...	...	19 0	19 0	10 0	140 0	140 0	120 0	11 0	11 0	...	...	10 0	9 8	Házára	
			24 12	25 4	27 4	150 0	150 0	150 0	11 0	11 0	10 8	10 12	10 12	10 4	Nágpur	Central Provinces.
...	...	...	34 0	34 0	30 0	...	...	...	10 0	10 0	10 0	9 12	9 12	9 8	Bhandára	
...	...	...	31 0	30 0	24 0	360 0	360 0	360 0	...	...	...	10 0	10 8	9 8	Chánda	
...	...	...	22 12	23 4	22 12	135 0	135 0	135 0	10 12	10 12	10 12	10 8	10 8	10 8	Wardha	
...	...	...	35 0	35 0	32 0	275 0	275 0	275 0	10 8	10 8	...	10 0	10 8	9 8	Bálaghát	
...	...	...	35 0	35 0	34 0	130 0	140 0	140 0	9 0	10 0	...	8 8	9 8	9 0	Jubbulpore	
...	...	...	30 0	38 0	36 0	160 0	160 0	160 0	8 4	8 4	...	8 0	8 0	7 12	Saugor	
...	...	75 0	39 0	49 0	43 0	200 0	200 0	200 0	8 4	8 8	7 12	8 0	8 4	7 8	Damoh	
...	...	...	30 0	31 0	32 0	220 0	220 0	200 0	6 0	7 4	6 12	5 12	7 0	6 8	Seoni	
22 0	35 0	35 0	57 8	57 8	50 0	256 0	256 0	256 0	...	...	...	8 0	7 8	7 0	Mandla	
21 0	21 0	25 0	24 0	24 0	32 0	240 0	240 0	240 0	9 8	9 8	8 8	9 0	9 0	8 0	Betúl	
21 0	22 0	20 0	33 0	32 0	30 0	200 0	200 0	200 0	9 0	9 0	9 0	8 0	8 0	8 0	Chhindwára	
...	...	...	27 0	31 13	31 0	160 0	160 0	120 0	8 7	9 8	...	7 5	8 0	6 8	Hoshangabad	
...	...	...	38 0	43 0	40 0	160 0	160 0	160 0	8 8	9 0	7 0	8 0	8 8	6 12	Narsinghpur	
...	...	...	24 3	28 3	30 0	160 0	160 0	120 0	13 8	13 2	9 12	13 0	13 0	9 7	Nimár	
...	...	...	40 0	48 0	42 0	80 0	80 0	60 0	9 0	9 0	8 6	9 0	8 8	8 0	Raipur	
...	...	...	25 0	25 0	21 8	120 0	120 0	220 0	9 0	9 0	8 0	8 8	8 8	7 8	Sambalpur	
...	...	...	60 0	54 0	44 0	140 0	140 0	180 0	...	...	...	8 0	8 0	7 8	Biláspur	
200 0	225 0	170 0														
															Arakan Division.	British Burma.
															Akyab	
															Northern Arakan	
															Kyoukpyoo	
															Sandoway	
															Pegu Division.	
															Rangoon town and Hanthawaddy	
															Tharrawaddy	
															Prome	
															Irrawaddy Division.	
...	...	...	...	...	...	...	...	...	...	...	No return received.				Henzada	
															Bassein	
															Thonegwa	
															Thayetmyo	
															Tenasserim Division.	
															Moulmein town and Amherst	
															Tavoy	
															Mergui	
															Toungoo	
															Shwaygyin	
															Salween	
27 0	27 0	24 14	18 13	20 11	21 6	130 0	130 0	125 0	10 8	10 14	9 10	10 0	10 6	9 3	Secunderabad	Hyderabad Assigned Districts.
...	...	...	19 0	19 8	24 0	80 0	80 0	80 0	...	...	...	10 8	10 0	8 12	Bolarum	
...	...	...	22 10	25 1	23 1	116 14	116 14	116 14	...	...	...	10 12	9 10	9 8	Chudderghat	
...	...	...	22 0	22 0	26 0	70 0	64 0	80 0	11 0	10 8	10 8	10 8	10 0	10 0	Amráoti	
7 0	7 0	8 0	22 0	23 0	31 0	64 0	64 0	64 0	10 0	10 0	9 0	9 0	9 0	9 0	Akola	
...	...	...	17 0	19 8	26 0	64 0	64 0	64 0	...	...	...	9 0	9 0	9 0	Ellichpur	
...	...	...	30 0	30 0	30 0	...	...	...	...	...	...	9 0	9 0	10 0	Buldána	
...	...	...	30 0	32 0	20 0	100 0	100 0	100 0	...	...	...	8 0	8 0	8 0	Wún	
...	...	...	30 0	32 0	40 0	64 0	64 0	64 0	9 8	9 8	8 8	9 0	9 0	8 0	Básim	

[d] Barley falling. [e] Salt (wholesale) rising. * Salt not sold wholesale.

PRICES CURRENT OF FOOD-GRAINS THROUGHO

QUANTITIES PER RU

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra) *Penicillaria Spi* Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fort-
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S.
Mysore.	Bangalore	12 5	11 0	11 9	13 7	12 13	12 4	10 0	10 1	10 2	21 1	11 5	11 8	27 0	27 12	25 3	...	...	
	Kolar	...	...	...	11 12	11 7	9 4	12 14	12 14	11 0	15 3	15 3	14 11	...	...	...	...	...	
	Túmkúr	14 0	14 0	14 0	12 0	14 0	14 0	12 0	12 0	12 8	13 0	13 0	15 8	...	...	...	...	...	
	Mysore	12 8	12 8	10 0	...	...	...	10 12	10 12	13 0	11 8	11 8	14 0	...	...	...	...	...	
	Hassan	13 0	11 8	13 0	14 0	13 0	14 0	11 0	11 0	13 0	12 0	12 0	15 0	...	...	...	...	...	
	Shimoga	15 4	14 11	14 11	15 12	15 12	16 13	10 8	11 9	14 11	14 3	14 11	18 15	33 10	31 8	50 6	...	...	
	Kadur	16 0	16 0	13 0	15 0	15 0	...	12 0	12 0	18 0	15 0	15 0	21 0	...	...	...	...	...	
	Chitaldroog	16 0	16 0	16 0	20 0	20 0	20 0	11 0	11 0	12 0	12 0	12 0	13 0	40 0	32 0	64 0	32 0	24 0	4
Coorg	Coorg	8 10	8 12	8 13	9 9	9 8	9 4	11 8	11 6	13 9	14 8	14 11	20 4	...	...	...	...	...	
Rajpootana.	Jeypore	15 0	16 0	14 0	22 8	20 0	23 0	6 0	6 0	6 0	9 0	9 0	9 0	21 0	21 0	25 0	20 0	20 0	20
	Kishengurh	16 12	17 0	17 0	26 0	26 0	27 8	9 8	8 0	8 0	10 8	9 0	9 0	27 0	27 0	27 0	20 12	21 0	21
	Kerrowlee	18 0	18 0	*	21 0	21 0	*	13 8	13 8	*	15 0	15 0	*	20 8	20 8	*	18 0	18 0	
	Ulwur	18 2	16 15	18 1	24 0	23 2	23 15	8 0	8 0	8 0	12 4	12 8	11 15	24 0	24 0	25 0	20 0	20 0	21
	Bhurtpore (City)	17 0	17 8	17 7	26 8	22 8	21 8	6 12	6 8	6 8	11 0	10 8	7 8	27 0	22 0	20 0	21 8	21 8	19
	Ajmere	15 8	15 8	16 8	22 8	24 0	26 0	5 0	5 0	5 0	8 0	8 0	8 0	22 0	22 0	26 0	20 0	20 0	15
	Deoli Cantonment	19 0	19 12	19 4	22 12	23 8	32 12	...	...	...	10 8	10 0	10 8	24 0	24 0	32 8	20 8	21 0	20
	Erinpura	17 2	17 2	21 8	31 3	31 3	32 8	...	...	...	8 0	8 0	7 8	25 0	25 0	25 0	26 0	26 0	26
	Sirohee	15 10	...	15 15	22 8	...	21 4	5 0.	...	5 0	7 8	...	6 4	22 8	...	21 4	20 0	...	18
	Abu	15 14	16 0	16 4	25 12	24 0	25 8	6 0	5 8	5 8	8 0	7 12	7 10	...	...	...	18 4	18 8	20
	Anadra	18 0	18 0	18 8	28 0	28 0	35 8	6 8	6 0	6 0	8 8	8 8	8 8	...	...	...	21 0	21 0	24
	Hilly Tracts of Meywar	25 0	24 0	27 0	38 0	35 0	45 0	...	...	...	19 0	18 0	16 0	...	...	...	...	...	
	Meywar (Oodeypore)	15 6¾	15 10	15 0	21 1½	19 14¾	23 7	11 11½	11 11½	9 6	...	...	...	...	...	...	...	...	
	Bánswára (Meywar Agency)	25 0	24 6	37 8	...	...	...	8 12	7 8	7 8	20 0	18 12	18 12	...	...	...	...	...	
	Partábgarh (")	19 1	18 4	21 14	...	...	...	9 1	9 11	8 12	14 6	14 6	12 8	...	...	...	...	...	
	Marwar (Jodhpore)	20 0	20 0	21 8	27 0	27 0	38 0	7 4	7 8	7 0	8 8	8 8	8 0	20 0	18 0	18 0	23 0	22 0	28
	Bikaneer	12 10	12 10	9 5	...	...	...	3 1	3 1	2 14	6 12	7 0	6 8	...	...	...	20 12	20 12	14
	Boondee	17 8	24 0	23 0	21 8	31 0	35 0	10 0	10 0	7 8	11 0	11 0	11 0	23 12	28 8	35 0	...	...	25
	Kotah	21 0	22 4	27 0	24 8	26 4	35 0	8 0	8 8	8 9	10 4	10 8	10 8	27 8	27 12	40 12	15 0	16 0	18
	Tonk	17 2	17 15	18 9	21 3	21 6	27 1	7 3	7 8	7 0	10 2	10 8	9 0	23 15	24 12	32 1	21 6	22 8	26
	Jhallawar	18 4	19 2¼	20 14	23 14	23 14	23 14	...	...	...	8 13½	8 13½	7 12	22 0	22 0	28 5½	15 13	15 13	18
	Shahpoora	17 10	18 8	17 4	22 5	24 0	27 8	10 4	10 1	9 8	15 8	15 0	12 12	22 0	23 0	27 0	20 0	21 0	22
	Dholpur	18 3	17 12	17 10	26 1	25 14	23 14	10 2	10 2	7 14	13 2	13 8	12 6	23 14	23 7	23 4	22 7	21 15	20
Central India.	Indore	17 4	19 3	21 14	...	...	...	8 9	8 9	8 4	10 0	10 0	8 9	25 4	25 4	40 0	25 4	26 10	30
	Gwalior	...	...	19 1	20 9	21 0	23 4	7 9	7 11	6 10	9 15	10 1	9 6	22 13	22 7	24 4	18 4	18 4	18
	Goona	26 0	26 0	26 0	20 0	20 0	20 0	9 8	10 0	8 8	10 8	11 0	9 8	33 0	34 0	37 0	20 0	24 0	20
	Baghelkhand (Sutna)	22 8	22 0	21 12	36 10	35 12	32 15	7 0	7 0	7 0	20 12	22 0	20 5	36 10	37 0	32 5	24 0	25 0	24

* Not received.

INDIA FOR THE 1st HALF OF APRIL 1882—*concluded.*

IN SEERS OF 80 TOLAHS.

Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee). *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt.									Districts.	Provinces.
									Wholesale.			Retail.							
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.					
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.					
26 4	25 2	31 9	30 14	32 8	39 0	96 0	96 0	90 0	12 12	11 11	10 8	12 4	11 2	10 0‡	Bangalore			Mysore.	
30 0	29 0	39 3	35 6	36 8	43 5	172 6	172 6	172 6	13 3	11 1	11 5	12 14	10 13	11 1‡	Kolar				
28 0	30 0	47 0	38 0	36 0	47 0	340 0	340 0	340 0	12 8	12 8	12 8	12 0	12 0	12 0§	Túmkúr				
20 0	20 0	32 0	30 0	30 0	50 0	84 0	84 0	75 0	10 0	10 0	8 8	9 12	9 12	8 4‡	Mysore				
24 0	23 0	42 0	25 0	26 0	40 0	600 0	600 0	600 0	...	...	...	8 0	9 0	8 8‡	Hassan				
32 9	33 10	55 10	29 6	27 5	48 5	480 0	480 0	480 0	10 0	10 8	...	9 7	9 7	9 1‡	Shimoga				
22 0	22 0	42 0	22 0	22 0	32 0	64 0	64 0	60 0	...	...	...	8 0	8 0	9 0‡	Kadur				
42 0	37 10	55 0	30 0	28 0	48 0	100 0	100 0	100 0	12 0	16 0	16 0	12 0	16 0	16 0§	Chitaldroog				
22 4	21 12	38 4	25 11	25 0	37 9	110 0	110 0	110 0	10 10	10 0	...	9 4	9 1	9 2	Coorg			Coorg	
...	...	...	21 0	20 0	21 0	...	...	...	15 0	13 8	...	14 8	13 0	11 0	Jeypore			Rajpootana.	
...	...	...	25 4	24 0	26 0	...	...	...	...	...	...	16 12	16 4	13 0	Kishengurh				
...	...	...	20 8	20 8	*	...	...	...	12 0	10 11	...	11 8	11 8	*	Kerrowlee				
...	...	...	24 3	22 11	21 3	...	...	...	15 13	15 13	...	15 8	15 8	12 1	Ulwur				
...	...	...	24 8	21 8	19 0	...	...	...	14 0	10 10	...	13 8	10 6	11 0	Bhurtpore (City)				
...	...	...	23 8	24 0	23 0	70 0	70 0	60 0	...	...	...	15 0	15 0	12 0	Ajmere				
...	...	...	24 0	24 0	26 4	...	...	...	...	...	...	13 12	11 12	11 8	Deoli Cantonment				
									Rs. A. P.	Rs. A. P. per md.	Rs. A. P.								
...	...	...	20 2	20 2	22 0	170 0	170 0	160 0	3 1 2	3 1 2	...	12 0	12 0	10 0	Erinpura				
...	...	...	21 4	...	16 4	...	...	...	2 10 8	...	...	14 11	...	15 0	Sirohee				
...	...	...	19 8	19 0	16 4	160 0	160 0	160 0	3 12 0	3 14 0	...	10 8	10 8	10 0	Abu				
...	...	...	22 0	22 0	18 4	...	...	...	3 8 0	3 8 0	...	11 8	11 8	10 8	Anadra				
...	...	...	30 0	38 0	36 0	†	†	†	...	...	...	10 8	9 0	7 0	Hilly Tracts of Meywar				
...	...	...	18 12	19 8½	25 0	200 0	200 0	200 0	9 6	...	...	8 15¾	...	...	Meywar (Oodeypore)				
...	...	...	43 12	42 8	60 0	...	...	...	...	...	...	11 4	9 6	7 8	Bánswára (Meywar Agency)				
...	...	...	27 13	30 11	37 8	...	...	...	...	...	...	11 4	8 14½	8 7	Partábgarh (")				
...	...	...	20 0	20 0	18 0	160 0	160 0	120 0	3 5 4	3 5 4	...	11 7	11 7	11 7	Marwar (Jodhpore)				
									S. Ch.	S. Ch.	S. Ch.								
...	...	...	17 12	17 12	15 14	...	...	...	...	...	...	11 8	11 8	11 8	Bikaneer				
...	...	...	23 4	31 0	30 0	160 0	160 0	160 0	12 14	12 8	10 8	12 12	12 4	...	Boondee				
...	...	...	28 0	29 0	33 8	240 0	240 0	240 0	11 8	12 4	...	11 0	11 12	10 0	Kotah				
...	...	...	23 2	23 3	26 6	130 0	120 0	120 0	12 14	13 12	11 4	...	13 11	...	Tonk				
...	...	...	26 5	26 5	28 5½	...	...	...	9 15	9 15	...	9 11½	9 11½	8 10	Jhallawar				
...	...	...	22 8	23 4	24 0	160 0	160 0	160 0	14 5	14 4	11 4	14 0	13 8	...	Shahpoora				
...	...	...	24 2	24 12	20 7	...	...	...	...	...	...	12 15	12 15	10 11	Dholpur				
...	...	...	22 14	26 10	28 3	100 0	100 0	100 0	...	9 3	...	8 14	8 14	6 10	Indore			Central India.	
...	...	...	21 4	21 11	21 10	109 8	109 8	127 12	...	...	...	11 9	11 7	9 10	Gwalior				
...	...	...	33 0	34 0	35 0	200 0	200 0	200 0	12 0	10 8	...	11 8	10 0	10 0	Goona				
...	...	...	32 0	32 2	27 5	160 0	160 0	160 0	12 7	12 2	...	11 10	11 6	10 6	Baghelkhand (Sutna)				

† Eight pies per bundle. ‡ Sea Salt. § Earth Salt.

D. M. BARBOUR,

Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENTS OF PRICES CURRENT OF FOOD-GRAINS FOR THE 1st AND 2nd HALVES OF MARCH 1882, PUBLISHED IN PAGES 608, 609, 644, 645, 646 AND 647 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 15th AND 29th APRIL 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of last year.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of last year.	Rice. Best sort. Present fortnight.	Rice. Best sort. Past fortnight.	Rice. Best sort. Corresponding fortnight of last year.	Rice. Common. Present fortnight.	Rice. Common. Past fortnight.	Rice. Common. Corresponding fortnight of last year.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of last year.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of last year.	Lesser Millets, Ragi, &c. (Kavaru, Veragoo, Sawee, Cheena, Coraloo, Murhwa, Nuglee, &c.), *Panicum Miliaceum*, *Eleusine Coracana*, &c. Present fortnight.	Lesser Millets. Past fortnight.	Lesser Millets. Corresponding fortnight of last year.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of last year.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of last year.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of last year.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of last year.
		S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.
	1st half of March 1882.																																
	ARRACAN DIVISION.																																
	Akyab	6 10	6 10	6 6	...	...	...	18 0	18 0	15 0	20 0	20 0	16 0	...	...	...	...	...	...	...	...	...	10 0	10 0	10 0	210 0	210 0	240 0	50 0	50 0	...	40 0	40 0	20 0
	Northern Arracan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kyoukpyoo	...	...	...	...	...	...	19 1	14 0	7 12	20 9	20 6	19 4	...	...	...	...	...	...	...	...	...	4 0	4 0	4 0	180 0	180 0	280 0	*a*	100 0	...	40 0	40 0	32 0
	Sandoway	...	...	...	...	...	...	27 7	27 7	28 0	33 9	33 9	32 0	...	...	...	...	...	...	...	...	...	...	...	...	469 11	469 11	*c*	...	...	...	49 0	30 0	23 0
	PEGU DIVISION.																																
	Rangoon town and Hanthawaddy	9 10	9 10	9 0	...	...	...	15 4	15 4	13 0	18 3	18 3	15 0	...	...	...	...	...	...	...	...	...	18 5	18 1	27 2	324 0	324 0	50 0	50 11	50 11	36 4	22 10	22 10	23 3
	Tharrawaddy	...	...	...	...	...	...	16 5½	14 4½	6 15	17 13½	17 13½	9 12	...	...	...	...	...	...	...	...	...	8 14⅔	8 14⅔	...	535 11½	535 11½	*g*	27 7½	22 5	...	18 5½	14 5	14 10
	Prome	12 2	12 2	9 0	...	...	...	16 2	16 12	14 0	18 5	18 5	15 2	...	...	...	...	...	...	...	...	...	8 14	7 12	20 0	139 11	139 11	*f*	29 9	29 9	...	18 10	18 10	28 0
	IRRAWADDY DIVISION.																																
	Thonegwa	...	...	...	...	...	...	15 1	13 11	10 8	18 6	18 6	11 7	...	...	...	...	...	...	...	...	...	14 15	13 7	9 0	147 10	184 5	*d*	47 5	50 0	...	44 5	44 5	14 0
	Bassein	...	...	...	...	...	...	19 8	17 4	12 3	20 4	18 6	13 9	...	...	...	...	...	...	...	...	...	12 12	10 6	13 6	173 4	173 4	171 8	39 0	39 0	24 8	35 6	35 6	21 0
	Henzada	...	...	...	...	...	...	17 14	17 15	12 4	26 0	26 0	15 12	...	...	...	...	...	...	...	...	...	...	...	...	183 8	183 8	*e*	29 9	29 9	...	29 9	29 9	28 0
	Thayetmyo	10 1	10 1	8 13	...	...	...	11 11	11 11	9 11	15 9	15 9	14 0	...	...	...	...	...	...	...	...	...	9 4	9 4	14 5	245 0	245 0	250 0	25 6	25 6	17 0	18 15	18 15	14 0
	TENASSERIM DIVISION.																																
	Moulmein town and Amherst	10 0	10 0	10 0	...	...	...	12 4	12 4	10 0	13 0	13 0	12 0	...	...	...	...	...	...	...	...	...	11 1	11 1	7 8	220 0	220 0	250 0	50 33	50 33	...	22 32	22 32	13 0
	Tavoy	...	...	...	...	...	...	15 8	16 4	11 7	25 3	20 3	17 3	...	...	...	...	...	...	...	...	...	...	...	...	399 3	428 0	293 0	24 2	30 2	33 5	16 1	29 3	26 11
	Mergui	...	...	...	...	...	...	17 5	15 8	15 8	20 3	25 3	16 13	...	...	...	...	...	...	...	...	...	...	...	...	428 0	399 3	428 0	36 8	24 2	21 8	29 3	16 1	16 9
	Shwaygyin	...	...	...	...	...	...	12 12	12 12	11 3	13 13	15 9	14 0	...	...	...	...	...	...	...	...	...	...	...	...	250 0	250 0	..	27 3	27 3	27 2	18 14	18 14	19 10
	Toungoo	...	...	...	...	...	...	18 5	18 5	15 8	21 5	21 5	17 11	...	...	...	...	...	...	...	...	...	12 9	12 9	13 12	24 0	24 0	303 0	32 0	32 0	15 8	18 12	18 12	15 8
	Salween	...	...	...	...	...	...	7 14	7 14	...	8 4	8 4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*b*	...

BURMA.

2nd half of March 1882.																																																
Arracan Division.																																																
Akyab	6	10	6	10	6	8	...	...	...	18	0	18	0	15	0	20	0	20	0	16	0	...	...	...	...	...	...	...	...	...	10	0	10	0	9	8	210	0	210	0	192	0	50	0	50	0	...	40	0	40	0	20	0
Northern Arracan	...	...	...	...	...	...	...	...	...	10	0	10	0	...	11	0	11	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kyoukpyoo	...	...	...	...	...	...	...	...	...	19	8	19	1	18	3	21	0	20	9	19	11	...	...	...	...	...	...	...	...	...	4	0	4	0	4	0	180	0	180	0	280	0	*a*		*a*		...	...		40	0	36	0
Sandoway	...	...	...	...	...	...	...	...	...	27	7	27	7	28	0	33	9	33	9	32	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	469	11	469	11	*c*		...		...		...	30	0	49	0	23	0
Pegu Division.																																																
Rangoon town and Hanthawaddy	16	4	9	10	11	8	...	...	...	15	4	15	4	13	10	18	3	18	3	15	0	...	...	...	...	...	...	...	...	...	18	1	18	5	27	2	324	0	324	0	50	0	50	11	50	11	36	4	22	10	22	10	23	3
Tharrawaddy	...	...	...	...	...	...	...	...	...	16	$5\frac{11}{16}$	16	$5\frac{11}{16}$	6	15	17	$13\frac{1}{2}$	17	$13\frac{3}{4}$	9	12	...	...	...	...	...	...	...	...	...	8	$14\frac{6}{7}$	8	$14\frac{6}{7}$	17	5	535	$11\frac{3}{4}$	535	$11\frac{3}{4}$	*g*		27	$7\frac{11}{16}$	27	$7\frac{11}{16}$	...	18	$5\frac{1}{7}$	18	$5\frac{1}{7}$	...	
Prome	12	2	12	2	9	0	...	...	...	16	12	16	12	14	0	18	5	18	5	15	2	...	...	...	...	...	...	...	...	...	10	6	8	14	20	0	139	11	139	11	*f*		29	9	29	9	...	18	10	18	10	28	0
Irrawaddy Division.																																																
Thonegwa	...	...	...	...	...	...	...	...	...	16	12	15	1	10	8	18	3	18	6	11	7	...	...	...	...	...	...	...	...	...	13	7	14	15	9	0	147	10	147	10	*d*		47	5	47	5	...	44	5	44	5	14	0
Bassein	...	...	...	...	...	...	...	...	...	19	8	19	8	12	6	21	12	20	4	13	6	...	...	...	...	...	...	...	...	...	12	12	12	12	13	6	142	4	173	4	227	8	39	0	39	0	24	8	28	6	35	6	21	0
Henzada	...	...	...	...	...	...	...	...	...	17	14	17	14	12	4	26	0	26	0	15	12	...	...	...	...	...	...	...	...	...	..		...		...		183	8	183	8	53	0	29	9	29	9	...	29	9	29	9	28	0
Thayetmyo	12	1	10	1	9	10	...	...	...	11	11	11	11	9	11	15	9	15	9	14	0	...	...	...	...	...	...	...	...	...	13	14	9	4	14	5	245	0	245	0	250	0	25	6	25	6	17	0	18	15	18	15	14	0
Tenasserim Division.																																																
Moulmein town and Amherst	10	0	10	0	10	0	...	...	...	15	5	12	4	10	0	20	4	13	0	12	0	...	...	...	...	...	...	...	...	...	11	1	11	1	7	8	220	0	220	0	250	0	50	6	50	6	18	0	22	6	22	6	13	0
Tavoy	...	...	...	...	...	...	...	...	...	15	3	15	8	11	7	25	3	25	3	16	0	...	...	...	...	...	...	...	...	...	...		...		...		399	3	399	3	293	5	24	2	24	2	33	0	16	1	16	1	26	11
Mergui	...	...	...	...	...	...	...	...	...	16	4	17	5	15	8	21	12	20	3	16	3	...	...	...	...	...	...	...	...	...	...		...		...		428	0	428	0	428	0	36	8	36	8	28	1	29	3	29	3	20	8
Shwaygyin	...	...	...	...	...	...	...	...	...	12	12	12	12	10	2	13	13	13	13	12	4	...	...	...	...	...	...	...	...	...	...		...		...		250	0	250	0	..		27	3	27	3	32	9	18	14	18	14	14	0
Toungoo	...	...	...	...	...	...	...	...	...	18	5	18	5	15	8	21	5	21	5	20	9	...	...	...	...	...	...	...	...	...	12	9	12	9	12	6	24	0	24	0	303	0	32	0	32	0	15	8	18	12	18	12	15	8
Salween	...	...	...	...	...	...	...	...	...	7	14	7	14	...	8	4	8	4	...			...	...	...	...	...	...	...	...	...	...		...		...		...		...		...		...		...		...		*b*		*b*		...	
																																										R. A. P. per		R. A. P. maund		R. A. P. d.							
Rajpootana.																																																
Erinpura	17	2	17	4	19	4	31	3	31	0	32	0	...		...		...		8	0	8	0	7	0	25	0	25	0	23	8	26	0	23	0	24	8	...		...		20	2	20	0	19	8	170	0	170	0	160	0	3	1	2	3	4	6	...		12	0	12	0	10	8
Sirohee	20	0	18	0	20	0	27	0	27	0	34	0	7	8	7	8	6	0	8	8	8	8	7	0	18	0	18	0	18	0	22	0	22	0	30	0	...		...		20	0	20	0	18	0	160	0	160	0	120	0	3	5	4	...		...		11	7	11	7	11	7
Abu	16	0	16	0	15	8	24	0	24	0	25	0	5	8	5	12	5	6	7	12	8	0	7	8	...		...		...		18	8	18	8	20	4	...		...		19	0	20	4	16	14	160	0	160	0	160	0	3	14	0	...		...		10	8	10	8	9	12
Anadra	18	0	18	0	17	8	28	0	28	0	30	0	6	0	6	0	5	14	8	8	8	8	8	4	...		...		...		21	0	21	0	24	0	...		...		22	0	21	0	18	0	...		...		...		3	8	0	...		...		11	8	11	8	10	4

a Rs. 40 per 100 maunds. *b* Annas two per viss. *c* Rs. 2 per 100 billets. *d* 100 logs, 18 inches long and 5 inches girth, for Rs. 10. *e* 53 billets per rupee. *f* Rs. 1-8 per cart-load. *g* Rs. 1 per cart-load.

D. M. BARBOUR,

Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENT OF PRICES CURRENT OF FOOD-GRAINS FOR THE 2nd HALF OF DECEMBER 1881, PUBLISHED IN PAGES 82 AND 83 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 28th JANUARY 1882.

Provinces.	Districts.	Average wages per mensem.			Remarks.
		Able-bodied Agricultural Labourer.	Syce or Horse-keeper.	Common Mason, Carpenter, or Blacksmith.	
		Rs. A. P.	Rs. A. P.	Rs. A. P.	
North-Western Provinces.	Dehra Dún	5 0 0	5 0 0	10 0 0	
	Saháranpur	4 0 9	4 14 6	9 14 4	
	Muzaffarnagar	4 0 0	4 0 0	12 0 0	
	Meerut	4 8 0	4 8 0	9 0 0	
	Bulandshahr	3 13 4	4 12 10	7 10 8	
	Aligarh	4 4 9	4 0 0	8 5 4	
	Bijnor	3 8 0	4 0 0	7 8 0	
	Moradabad	3 0 0	4 0 0	7 8 0	
	Bareilly	3 4 0	4 0 0	6 8 0	
	Pilibhít	3 12 0	3 12 0	7 8 0	
	Budaun	3 12 0	3 12 0	7 9 4	
	Sháhjáhánpur	4 0 0	3 14 0	7 2 8	
	Muttra	4 8 0	4 8 0	9 10 8	
	Agra	4 8 0	5 8 0	8 2 0	
	Mainpuri	4 0 0	4 8 0	8 0 0	
	Farukhabad	3 10 1¾	3 12 0	7 14 0	
	Etáwah	4 0 0	5 0 0	8 0 0	
	Etah	3 11 1	4 0 0	9 5 0	
	Jalaun	3 0 0	5 0 0	8 0 0	
	Jhánsi	4 0 0	5 0 0	8 0 0	
	Lalitpur	4 0 0	5 0 0	8 0 0	
	Cawnpore	3 14 0	4 8 0	7 8 0	
	Fatehpur	3 4 6	4 3 6	7 8 0	
	Bánda	4 0 0	5 0 0	8 12 0	
	Allahabad	5 8 0	5 8 0	12 13 4	
	Hamírpur	3 0 0	4 3 0	6 0 0	
	Jaunpur	3 0 0	4 0 0	7 0 0	
	Azamgarh	3 4 6	3 8 0	5 7 0	
	Mirzapur	3 4 0	4 0 0	4 8 0	
	Benares	1 12 0	4 8 0	8 12 0	
	Gorakhpur	2 4 0	4 0 0	7 8 0	
	Balia	6 0 0	5 0 0	10 0 0	
	Basti	2 13 0	3 12 0	9 6 0	
	Ghazipur	4 0 0	4 0 0	7 8 0	
	Kumaun	8 0 0	5 0 0	10 0 0	
	Garhwál	4 0 0	5 0 0	8 10 8	
	Taráí	4 0 0	5 0 0	8 0 0	
Oudh.	Lucknow	3 0 0	4 0 0	7 8 0	
	Bára Banki	2 13 0	3 4 6	6 14 0	
	Unáo	3 4 0	4 0 0	5 14 8	
	Fyzabad	3 4 6	4 4 0	8 2 0	
	Bharaich	3 0 0	4 0 0	8 10 8	
	Gonda	2 13 0	3 8 0	6 10 0	
	Sitapur	3 12 0	4 0 0	7 8 0	
	Hardui	3 12 0	4 0 0	7 8 0	
	Kheri	3 4 0	5 8 0	5 8 0	
	Rai Bareli	3 0 0	4 0 0	6 12 9	
	Sultánpur	3 0 0	5 0 0	7 8 0	
	Partábgarh	2 13 0	3 12 0	5 13 4	

D. M. BARBOUR,
Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 9th MAY 1882.

GENERAL REMARKS.—More or less heavy showers have again fallen in Assam, and also in almost all districts of Bengal. In the North-Western Provinces and Oudh heavy rain fell in Gorakhpur, and slight showers in eight other districts. In the Central Provinces there have been occasional showers in a few places. In the Mysore State rain has been reported in two districts. In the Madras Presidency fair showers have been recorded in some districts and good rain in the extreme south-west. In British Burma there has been rain in several districts.

The harvest of certain crops continues in the Madras Presidency, with an outturn either fair or below average. The harvest of spring rice has commenced in parts of the Mysore State. Indigo, sugarcane, and other crops on the ground are doing well in Bengal, where also the reaping of spring rice is progressing, with a good outturn on the whole. The *rabi* harvest still continues in the Punjab and is yielding a good outturn.

General prospects may be said to be favourable throughout Northern India. In Bengal and Assam the recent rain has been highly beneficial to ploughing and sowing, which are now progressing satisfactorily. In the Central Provinces, in Berar, and in the Bombay Presidency land continues to be prepared for the *kharif* sowings. Rain is, however, urgently wanted in Dharwar, and scarcity of drinking-water is felt in parts of Ahmednagar and Belgaum, as well as in parts of the Nizam's Territories. In the Mysore State the standing crops are in bad condition, except those under large tanks; but prospects are reported to be fairly good on the whole. In Coorg rain is much wanted in the south and north-east. In the Madras Presidency standing crops are generally fair, ploughing and sowing are progressing in the extreme south, and general prospects are fair.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—		
Bellary ...	.....	Standing crops wet good; harvest paddy and sugarcane, yield average; fever in one taluk.
Kurnool ...	.....	Harvest paddy, outturn below average; small-pox in one taluk.
Ganjam ...	·35 (average of thirteen stations).	Standing crops, paddy, cotton and gingelly, thriving; small-pox and fever prevalent; sporadic cholera in parts; cattle-disease exists.
Kistna ...	.....	Fever, small-pox, and guinea-worm in parts; cattle-disease continues.
Chingleput (Madras) ...	.....	Standing crops good where irrigation, bad elsewhere; harvest wet and dry grains, yield below average; agricultural operations progressing; small-pox and cattle-disease in parts.
Coimbatore ...	·54 (average of five stations).	Standing crops generally fair; harvest wet and dry grains, outturn wet below average, dry, poor; small-pox and fever in parts.
Tanjore ...	.....	Standing crops good; harvest wet and dry grains outturn below average; a few cases of cholera.
Madura ...	·66 (average of seven stations).	Standing crops dry, fair; harvest paddy, yield average; cholera and fever in parts.
Malabar ...	·05 (in one station)	Sowing of first crop commenced in parts; fever, small-pox, cholera, and cattle-disease in parts.
Travancore ...	2·76	Ploughing and sowing progressing; fever prevails.
		General Remarks.—No rain in Kistna, Bellary, Kurnool, Chingleput, and Tanjore; general prospects fair.
Bombay—(May 10th)		
Kurrachee ...	.....	River at Kotri on 6th 7 feet 8 inches, against 7 feet 5 inches on corresponding date last year; fever in eight talukas; cattle-disease in Sehwan; 2 cases small-pox in Dadu; wheat, red rice, and *bajri* in Kurrachee 23, 40 and 36, in Dadu 32 and 40, in Kotri 32, 32 and 42, in Tatta 24, 44 and 44, in Sakro 16, 40 and 56, and in Mirpur Botoro 22, 54 and 48 lbs. per rupee, respectively.
Hyderabad ...	.....	River rising; *kharif* operations commenced in some talukas; slight fever in seven talukas; wheat 25, *juari* 45, *bajri* 40, red rice 32, and white rice 22 lbs. per rupee.
Ahmedabad ...	.....	*Rabi* harvest over; preparations for next season commenced; wheat 27 and *bajri* 30 lbs. per rupee.
Baroda ...	.....	*Rabi* harvesting over; land being prepared for *kharif*; health good; *bajri* 31 and common rice 23 lbs. per rupee.
Surat ...	.....	Preparation for cultivation commenced; *juari* 35 and *nagli* 51 lbs. per rupee.
Násik ...	.....	Public health good; *bajri* 41½, wheat 31, and *juari* 67 lbs. per rupee.
Colaba (Bombay) ...	.....	Temperature normal; vapour in air slightly in defect, except on 9th when it was normal; abnormal wind southerly till 7th, afterwards northerly.
Poona ...	.....	Sixteen cholera cases in three villages of Indapur, 4 fatal, 3 cases in three villages of Purandhar, 2 fatal; average prices—*bajri* 46 and *juari* 56 lbs., in Poona *bajri* 39 and *juari* 43½ lbs. per rupee.
Ahmednagar ...	.....	Land being prepared for next season; water-supply in taluka Parner failing; *juari*—maximum 96 lbs. in Jhamkhed, minimum 57 in Newasa; *bajri*—maximum 66 in Jhamkhed, minimum 48 in Kopergaon; slight cattle-disease in Karjat and Newasa talukas.
Sholapur ...	.....	Cattle-disease in Sangoola and Malsiras; *juari* 72 lbs. 39 tolas and *bajri* 57 lbs. 31 tolas per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Dharwar ...	No rain	Rain urgently wanted everywhere; ground being prepared for early crops; cotton picking completed; scarcity of drinking-water in Dharwar, Navalgund, Gadag, Bankapur, Hangal, Karajgi, Kalghatgi, and Kod; public health good; rice 21 and *juari* 55 lbs. per rupee.
Kanara ...	Sirsi, ·48; Kulhal, ·32	Harvesting second crop nearly completed on coast and continues above Ghât; sugarcane planting continues; preparing ground for monsoon crop; cattle-disease severe at Karwar; small-pox in Bhatkal and Sidapur; fever in two talukas; common rice in Karwar 14 seers, in district average 13⅞ seers per rupee; weather cloudy and hot.
Rajkot ...	.....	Weather hot and windy; 2 new cases of cholera in Rajkot town, both fatal, still prevalent in Jaliaunder and Dhrol; *bajri* 26 and *juari* 30 lbs. per rupee.
		General Remarks.—*Rabi* harvest completed; preparation of land for next season begun; slight rain in Kanara, urgently wanted in Dharwar; scarcity of drinking-water in one taluka of Ahmednagar, two of Belgaum, and eight of Dharwar; slight fever and cattle-disease in a few places; cholera in Rajkot, Poona, Belgaum, and Satara.
Bengal—(May 10th)—		
Chittagong ...	5·43	Weather rainy and stormy, since fair; prospects of crops good; prices somewhat higher; cholera continues; small-pox abating; general health fair.
Dacca ...	3·01	Spring rice harvest continues; autumn rice and jute being sown and growing freely.
24-Pergunnahs (Calcutta)	2 67	No crops on the ground; land being prepared for autumn and winter crops; rain of 6th, 7th, and 8th has done much good; health of people and cattle generally good; isolated cases of cholera reported from Baruipur, Diamond Harbour, and Dum-Dum sub-divisions.
Moorshedabad ...	3·42	Rain very beneficial to ploughing and sowing, and has done good to young plants of the autumn crops; cholera has abated in Bhagwangola police station.
Rajshahye ...	4·63	Crops have been generally benefited by the rain which fell throughout the district; cholera and fever are still reported.
Burdwan ...	1·38	Rain has done much good; ploughing being carried on vigorously; sugarcane being transplanted; cases of cholera still reported.
Rungpore ...	·81	Weather cool and cloudy; prospects of crops favourable; prices of food-grains stationary; cholera prevalent in some parts, but not in an epidemic form.
Bhagálpur ...	·08	Preparation of land for rice sowings postponed for want of rain; cholera and small-pox prevalent.
Purneah ...	1·12	Prospects of crops improved, and sowing of autumn crops facilitated by the rain; cholera abating.
Patna ...	·03	More rain wanted for preparation of land for the autumn crops; cholera and small-pox reported from Barrh and Behar sub-divisions.
Durbhunga ...	1·17	Weather cold for the season; rain has improved all prospects a little; cholera still in the town, but not increasing.
Hazáribágh ...	2·20	Weather cloudy and unseasonably cold; field operations being pushed on everywhere owing to heavy rains on the 7th; small-pox reported in the interior, health otherwise good.
Cuttack ...	1·65	Spring rice still being harvested; ploughing in progress; cholera prevalent in the interior.
		General Remarks.—Rain fell almost in all districts during the week, and there were also storms and hail in some places; the rain has been highly beneficial to ploughing and sowing, which are now progressing favourably, and more rain is still much wanted in Bhagálpur and parts of Behar; the mango crop, which was already very poor, is now much injured by storms; indigo, sugarcane, and other crops on the ground are coming on well; harvesting of spring rice is still going on generally, with a good outturn; cholera is still reported from several places, and small-pox from some; the general health is however fair.
N. W. Provinces and Oudh—		
Benares (May 9th)	Benares, ·20; Chandauli, ·50; Gungapur, ·70.	There has been a marked absence of hot winds during the week, the wind has been generally easterly, and on Saturday (6th) and Sunday (7th) heavy clouds were gathering, which culminated on Sunday evening in a storm; the wind blew in gusts and some rain fell, the harvest operations for the *rabi* crops are now finished; sugarcane is being irrigated; health of man and cattle good; the bazars are well supplied with food-grains; prices steady.
Allahabad („ 10th)	Soráon, 70; Meja, ·50	The rain which has fallen done a little benefit to sugarcane and grass, but melons however have been injured; on 7th a violent dust-storm occurred in Soráon and Phúlpur followed by hail, which has done much damage to fruit trees; a good deal of fever is prevalent; cholera has increased in the district, there were 113 cases, of which 78 proved fatal; city very healthy; cattle generally healthy; prices risen; gram and barley imported from south; oil-seed and poppy-seed exported towards east.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—*contd.*		
Cawnpore (May 9th)	Abbaspur, ·10	*Rabi* crops harvested, on irrigated land outturn above average; sowing of indigo and sugarcane commenced; fever prevalent; prices slightly risen.
Gorakhpur („ „)	2·5	Weather stormy, with high winds; heavy fall of rain on 7th; cholera decreasing; grain plentiful; prices stationary.
Jhánsi („ 8th)	.....	Market well supplied; prices rising; small-pox decreasing; slight cattle-disease continues in pargana Jhánsi.
Agra („ 9th)	.....	Slight fever and small-pox continue in the city; general health good; prices stationary.
Farukhabad („ „)	.....	Slight fever still prevalent; prices higher; outturn of *rabi* crops average; strong east winds for some days, but no rain.
Bareilly („ „)	.....	Harvest over; markets well supplied; prices steady; condition of people fair; small-pox in city and foot-and-mouth disease amongst cattle in Aonla tahsil, decreasing however.
Meerut („ „)	.....	Days hot, nights cool; wind generally east and often high; health good; some fever prevalent; sugarcane generally sown; some cattle-disease in Hapur and Ghaziabad tahsils; supplies sufficient, but below average; prices stationary.
Kumaun („ „)	.....	Slight showers in parts of the district; a few cases of small-pox and cattle-disease still prevalent; prices stationary.
Lucknow („ „)	On the 7th Sadr, ·30; Mohanlalganj, ·20; Maliabad, ·10.	Harvest over; market well supplied; prices steady; no more cholera reported.
Partabgarh („ „)	·2	Prices steady; fever prevalent; cholera abating; heavy storm of wind and rain on 7th; severe hail reported as having fallen near Atcha.
Rae Bareli („ 8th)	.....	Weather unsettled, wind generally east, with occasional dust-storms; yesterday (7th) after noon between 4-30 and 5 a light dust-storm came from the north or north-north-east followed by cold cutting wind, thermometer at 7 P.M. outside 70°, at 7-30 69°, and at 10 P.M. 67°.
Sitapur („ 9th)	Sitapur, ·50; Sidhauli, ·20.	A storm occurred on the 7th; prices steady.
Fyzabad („ „)	·2	Cool weather, easterly wind.
		General Remarks.—Weather stormy, winds easterly; heavy rain fell in Gorakhpur and slight rain in eight other districts; hail fell in Partabgarh and Allahabad, causing damage to melons and fruit trees; prices rising in Allahabad, Cawnpore, and Farukhabad, but elsewhere stationary; cholera increasing in Allahabad, but decreasing in Partabgarh and Gorakhpur; slight small-pox in five districts; cattle-disease continues in Kumaun, Jhánsi, Meerut, and Bareilly.
Punjab—(May 9th)		
Delhi ...	No rain reported	Harvesting completed; health fair; small-pox continues in the city; prices fluctuating.
Hissar ...	No rain reported	Harvesting still in progress; prices stationary: health good.
Umballa ...	No rain	Threshing of *rabi* in progress; prices rising; health fair.
Amritsar ...	No rain	Crops reaped; prices falling; health good.
Jullundur ...	No rain	Wheat being threshed; prices steady; health good.
Lahore ...	No rain	Crops cut, outturn very good.
Ferozepore ...	No rain	Crops being cut; prices steady; health good.
Sialkot ...	No rain reported	Prices steady; health good.
Rawalpindi ...	No rain	Prospects good; prices falling; health good.
Peshawar ...	No rain reported	Harvest good; prices rising; health fair.
Mooltan ...	No rain	Crops being harvested; *kharif* sowings commenced; prices falling; health good.
Dera Ismail Khan ...	No rain	Harvesting in progress; prices steady; health good.
		General Remarks.—Prospects of harvest good; health good; prices generally steady.
Central Provinces—		
Nagpur ...	·20	Hot and cloudy, with frequent storms; prospects fair; cholera on Kampti and Seoni Road; prices risen.
Jubbulpore ...	·1	Cloudy and stormy; ploughing for *kharif* continues; cholera and small-pox prevalent; wheat 21 and rice 12 seers per rupee.
Saugor (May 8th)	.....	Cloudy, few drops of rain; threshing nearly completed and ploughing for *kharif* continues; small-pox prevalent; prices stationary.
Khandwa („ 9th)	.....	Very warm; small-pox prevalent; prices rising; wheat 18 and *juari* 30 seers per rupee.
Seoni ...	·15	Hurricane on 8th; ploughing in progress; cholera, small-pox, and cattle-disease prevalent.
Hoshangabad ...	.....	Weather hot, occasionally cloudy; winnowing continues; small-pox prevalent; rice 9, wheat 18, and *juari* 24 seers per rupee.
Raipur ...	.....	Weather hot and cloudy; land being prepared for *kharif*; cholera prevalent; rice 38 and wheat 32 seers per rupee.
Sambalpur (May 4th)	.....	Weather very close and sultry; land being prepared for *kharif*; cholera prevalent; rice 54 seers per rupee.
		General Remarks.—Weather hot and stormy, with occasional slight showers; winnowing of *rabi* being completed; preparations for *kharif* in progress; cholera and small-pox somewhat prevalent; prices easy.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
British Burma—(May 6th)		
Akyab ...	1·69	Nine deaths from small-pox in Akyab town, disease prevailing in four townships, otherwise public health good; cattle-disease in three townships; total rainfall 3·70 inches.
Rangoon ...	.....	Two fatal cases of small-pox, otherwise public health good; total rainfall 3·16 inches.
Bassein ...	.....	Two deaths from cholera outside of Bassein town, otherwise public health good; total rainfall 2·29 inches.
Prome ...	·35	Thirteen deaths from cholera in Prome town, disease also in district; small-pox amongst cattle in two townships; total rainfall 1·05 inches.
Amherst (Moulmein) ...	·65	Public health in Moulmein and districts good; crops fair.
Toungoo ...	.....	Eleven cases of small-pox, 3 of which fatal in Toungoo town and 6 in district, otherwise public health good; slight cattle-disease in one township; total rainfall 2·21 inches.
		General Remarks.—Cholera continues in Prome, somewhat prevalent in Thayetmyo, a few scattered cases elsewhere; small-pox prevalent in Akyab and continues in Toungoo, though apparently abating, public health otherwise good; some cattle-disease in a few places; rain has fallen in several districts.
Assam—(May 10th)		
Gauhati ...	1·70	Weather hot; cholera abating at Barpeta, but a few cases at Gauhati and in parts of the north of district; prospects of crops favourable.
Sylhet ...	3·91	Cultivation of *amun* and *aus* paddy proceeding rapidly; *boro* paddy represented to be 10 annas; over all district sugarcane cultivation more extended than usual; cattle-disease reported in two directions; tea outturn rather behind.
Cachar ...	3·57	Two cases of cholera from Katigara and from Lakhimpur reported; common rice $21\frac{5}{16}$ seers per rupee; cultivation of crops progressing.
Dibrugarh ...	1·74	Weather hot; prospects of *aus* paddy good; ploughing for *sali* paddy; district healthy; cattle-disease still reported.
Mysore and Coorg—(May 10th)		
Bangalore ...	·14	Wet crops, except those under large tanks, have withered; harvesting of *vysakh* paddy commenced, prospects favourable; prices of *ragi* risen from 25½ to 27½ seers per rupee.
Mysore ...	1·20	Slight rain in parts of district; crops in need of more rain; water and pasture generally scanty.
Mercara ...	·56	Rain much needed throughout the province, especially in the extreme south and north-east, where there is scarcity of water for man and beast; price of rice stationary, but imported largely from Kanara; price of *ragi* has risen; no more cases of cholera, but traffic checked consequent on its prevalence at Hunsur and Mysore.
		General Remarks.—Rain has not fallen, except in the Bangalore and Mysore districts; crops in bad condition; harvesting of *vysakh* paddy has commenced; prospects fairly good; cholera epidemic in Mysore town, decreasing at Hunsur, a few isolated cases in Hoskote, Arkalgad, and Attikupa taluka.
Berar & Hyderabad—(May 10th)		
Amráoti ...	.....	Weather hot and windy; ploughing operations going on; wheat 18 and *juari* 36 seers per rupee.
Akola ...	.....	Preparations for *kharif* sowings progressing.
Hyderabad ...	.....	*Tabi* reapings continue; want of water is felt in some taluks; fever and cattle-disease prevail in places; prices—wheat 17¼, rice 10¼, white *juari* 25¼, yellow *juari* 30, and *tur* 27½ seers per current sicca rupee.
Central India States—(May 10th)		
Indore ...	No rain	Weather cloudy and warmer, with occasional high winds; health good.
Morar (Gwalior) ...	A slight shower on 7th	Weather warm; health good; small-pox on the decrease; prices stationary.
Sutna ...	·10	Weather cloudy; health good.
Rutlam ...	·07	High winds; two fresh cases of small-pox.
Neemuch ...	.....	No report received.
Goona ...	·06	Price of wheat 26 seers per rupee; crops good; health fair; small-pox still prevalent.
Bhopal ...	.....	Weather seasonable; prospects good; small-pox still prevalent.
Agar ...	No rain	Health and prospects good.
Nowgong ...	No rain	Weather hot; public health fair.
Manpur ...	.....	Weather cloudy and warm, with occasional high winds; ploughing of land for *kharif* has commenced.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Rajputana—		
Abu (May 10th)	·17	Weather seasonable; winds high; weather cooler than usual.
Sirohi („ 7th)	.....	Tanks and wells fair; health good; warm days; hot winds prevail.
Marwar („ 5th)	.....	Plenty of water in tanks and wells; health good; weather clear; winds sharp; heat unusually moderate; nights still cool; weather abnormal; prices falling; crops harvested.
Meywar ...	.....	Deaths from cholera decreasing.
Harowti (May 6th)	Kotah, ·10; Deoli, ·42; elsewhere drops.	Dust-storms on Tuesday night from north-west and on Saturday night from north, latter followed by rain; weather sultry, close; wind variable; small-pox abating; some fever prevalent.
Jhallawar („ 3rd)	·02	Tanks and wells low; small-pox abating.
Ajmere („ 9th)	Few drops	Dust-storms and thunder; few cases of small-pox and cholera reported in district.
Jeypore („ „)	Few drops	Dust-storms; prices stationary; health good.
Ulwur („ 10th)	.....	Harvesting finished; slight rain; health good; no material fall in prices.
Nepal—(May 4th)		
Katmandu ...	·73	Weather showery, with heavy wind and much thunder at times; on 1st there was a hail-storm, which did serious damage to the crops in the valley of Katmandu.

E. C. BUCK,
Secy. to the Govt. of India.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

ABSTRACT OF THE PROCEEDINGS OF THE COUNCIL OF THE GOVERNOR GENERAL OF INDIA, ASSEMBLED FOR THE PURPOSE OF MAKING LAWS AND REGULATIONS UNDER THE PROVISIONS OF THE ACT OF PARLIAMENT 24 & 25 VIC., CAP. 67.

The Council met at Government House, Simla, on Thursday, the 11th May, 1882.

PRESENT:

His Excellency the Viceroy and Governor General of India, K.G., G.M.S.I., G.M.I.E., *presiding*.
His Excellency the Commander-in-Chief, G.C.B., C.I.E.
The Hon'ble J. Gibbs, C.S.I., C.I.E.
Major-General the Hon'ble T. F. Wilson, C.B., C.I.E.
The Hon'ble T. C. Hope, C.S.I.
The Hon'ble C. P. Ilbert, M.A.
The Hon'ble Sir S. C. Bayley, K.C.S.I., C.I.E.
The Hon'ble C. H. T. Crosthwaite.
The Hon'ble W. C. Plowden.

CENTRAL PROVINCES LOCAL RATES BILL.

The Hon'ble MR. CROSTHWAITE moved that the Hon'ble Mr. Hope be added to the Select Committee on the Bill to provide for the levy of Rates on Land in the Central Provinces.

The Motion was put and agreed to.

CENTRAL PROVINCES TENANCY BILL.

The Hon'ble MR. CROSTHWAITE also moved that the Hon'ble Mr. Plowden be added to the Select Committee on the Bill to consolidate and amend the law relating to Agricultural Tenancies in the Central Provinces.

The Motion was put and agreed to.

The Council adjourned to Thursday, the 18th May, 1882.

SIMLA;
The 11th May, 1882.

D. FITZPATRICK,
Secretary to the Government of India,
Legislative Department.

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№ 20.} SIMLA, SATURDAY, MAY 20, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

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Nothing for publication.

SUPPLEMENT No. 20.

PART I.

Government of India Notifications, Appointments, Promotions, &c.

HOME DEPARTMENT.

NOTIFICATIONS.—PUBLIC.

Simla, the 19th May 1882.

No. 760.—The Governor General in Council is pleased, under the provisions of Section 27 of the Indian Arms Act, 1878, to exclude uniform swords and dirks of recognised military or official patterns from the operation of any prohibition and direction contained in the Act.

ESTABLISHMENTS.

The 17th May 1882.

No. 216.—The following temporary promotions are made in the Assam Commission, with effect from the date on which Mr. C. Donovan, C.S., proceeds on furlough :—

Lieutenant-Colonel A. E. Campbell, Deputy Commissioner, 2nd Grade, to officiate as Deputy Commissioner, 1st Grade.

Mr. T. J. Murray, Deputy Commissioner, 4th (Officiating 3rd) Grade, to officiate as Deputy Commissioner, 2nd Grade.

Captain H. St. P. Maxwell, Assistant Commissioner, 1st Grade (Officiating Deputy Commissioner, 4th Grade), to officiate as Deputy Commissioner, 3rd Grade.

Mr. J. J. S. Driberg, Assistant Commissioner, 2nd (Officiating 1st) Grade, to officiate as Deputy Commissioner, 4th Grade.

Mr. G. W. Place, Assistant Commissioner, 2nd Grade, to officiate as Assistant Commissioner, 1st Grade.

Mr. A. Porteous, Assistant Commissioner, 3rd Grade, to officiate as Assistant Commissioner, 2nd Grade.

A. MACKENZIE,
Secy. to the Govt. of India.

FOREIGN DEPARTMENT.

NOTIFICATIONS.—GENERAL.

Simla, the 19th May 1882.

No. 822 *G.G.*—The services of Lieutenant-Colonel W. G. Waterfield, C.S.I., B.S.C., Officiating Resident of the 2nd Class and Officiating Agent to the Governor General in Biluchistan, are replaced at the disposal of the Government of the Punjab, with effect from the date on which he made over charge of his duties.

No. 824 *G.G.*—The services of Major the Hon'ble G. C. Napier, C.I.E., Assistant Commissioner, 2nd Class, Punjab, on special duty under the Foreign Department, are placed temporarily at the disposal of the Government of the North-Western Provinces and Oudh, with effect from the 17th April 1882.

No. 826 *G.G.*—Major R. G. E. Dalrymple, B.S.C., Cantonment Magistrate, Nowgong, and Officiating Assistant for Banswara and Pertabgarh to the Governor General's Agent in Rajputana

and Superintendent of the Operations for the Control of the Moghyas, held temporary charge of the office of the Cantonment Magistrate, Neemuch, in addition to his other duties, from the 18th August to the 29th October 1881, both days inclusive.

No. 828 *G.G.*—Colonel J. D. Hall, Bo. S. C., Commandant Bhopal Battalion. held charge of the office of the Political Agent, Bhopal, in addition to his own duties, from the 25th February to the 27th March 1882, inclusive, during the absence of Colonel W. Kincaid, on special duty with Her Highness the Begum of Bhopal.

No. 830 *G.G.*—The following temporary promotions in the Berar Commission are made, with effect from 31st March 1882, consequent on the departure on furlough of Major H. DeParny Rennick, Officiating Assistant Commissioner, 1st Class :—

Mr. A. J. Dunlop, Assistant Commissioner, 2nd Class, to officiate in the 1st Class.

Syed Shams-ud-Din Ali Khan Bahadoor, Assistant Commissioner, 3rd Class, to officiate in the 2nd Class.

No. 832 *G.G.*—Dastur Edalji Bahmanji, Assistant Commissioner, 3rd Class, sub. *pro. tem.*, in the Berar Commission, is appointed to officiate as an Assistant Commissioner, 2nd Class, with effect from the date of assuming charge.

No. 834 *G.G.*—Major J. E. P. Mosley, B.S.C., Commandant of the Biluch Guides, is granted privilege leave for three months, with effect from the date on which he may avail himself of it.

No. 837 *G.G.*—Assistant Surgeon Abdul Rahim Hakim, Khan Bahadur, in Medical charge of Bassadore Station, is appointed to be Native Assistant to the Political Resident in the Persian Gulf.

POLITICAL.

The 19th May 1882.

No. 155 *G.P.*—Subject to the confirmation of Her Majesty's Government, His Excellency the Viceroy and Governor General in Council is pleased to recognise the appointment of Mr. J. Frame as Acting Consul for the Austro-Hungarian Empire at Rangoon.

No. 864 *E.P.*—Lieutenant-Colonel Sirdar Mahomed Afzal Khan, C.S.I., Khan Bahadur, 11th Bengal Lancers, is appointed Agent of the British Government at the Court of His Highness the Amir of Afghanistan and its Dependencies.

MILITARY.

The 19th May 1882.

No. 99 *G.M.*—Surgeon J. Scully, Indian Medical Department, Probationer, Assay Department, is appointed Medical Officer of the Erinpura Irregular Force, but to continue to act in his present appointment until further orders.

No. 102 *G.M.*—Lieutenant W. H. Cornish, 1st Battalion (the Duke of Wellington's West Riding Regiment), is appointed to officiate as Wing Officer, Meywar Bheel Corps, on probation, *vice* Lieutenant G. H. J. Moore, or until further orders.

C. GRANT,
Secy. to the Govt. of India.

DEPARTMENT OF FINANCE AND COMMERCE.

NOTIFICATIONS.

Simla, the 18th May 1882.

No. 1101.

RESOLUTION—By the Government of India, Department of Finance and Commerce.

Read again—

Financial Resolution No. 1065, dated 21st February 1882, regarding the supply of swords of Indian manufacture.

Read also—

Letter from the Government of the North-Western Provinces and Oudh, No. 255, dated 3rd May 1882.

RESOLUTION.—In paragraph 4 of the Resolution of the 21st February 1882, read above, the Governor General in Council requested that in future swords required for the Police and other Departments might be procured of Indian manufacture in communication with the Inspector General of Police, Punjab, if they could not be made within the local limits of the presidency or province concerned. As, however, it has since been ascertained that swords can be extensively manufactured in the North-Western Provinces as well as in the Punjab, and that skilled workmen can now be found in almost every district in the North-Western Provinces, the Governor General in Council requests that when it is found more convenient to obtain swords from the North-Western Provinces than from the Punjab, the necessary steps to procure them may be taken in communication with the Inspector General of Police, North-Western Provinces.

ORDERED, that the foregoing be communicated to the Military Department and to all Local Governments and Administrations for information, in continuation of Financial Resolution No. 1065, dated 21st February 1882, and that it be published in the *Gazette of India*.

The 19th May 1882.

No. 1131.—The following addendum to the Codes of the Financial Department is published for general information :—

C. L. C.

PAGE 165.

Section 75.

Insert the following as Rule 7 (a) :—

7 (a). A Military Medical Subordinate employed in the Civil Department may, when on privilege leave, draw the special allowances of his appointment, such as house-rent, horse allowance, &c., provided that they are not drawn by any officer during his absence.

No. 1170.—Mr. A. H. H. Munrowd having been appointed to officiate as Chief Clerk in the office of the Accountant General, Punjab, received charge of his appointment before noon on the 4th May 1882.

No. 1190.—Mr. Stephen Jacob, B.C.S., received charge of the office of Accountant General, Bengal, before noon on the 11th May 1882.

No. 1195.—Mr. P. Stracey, Head Assistant in the Office of the Comptroller, Hyderabad, having been appointed to officiate as Comptroller, Hyderabad, during the absence on privilege leave of Mr. J. Mackey, or until further orders, received charge of his office after noon on the 2nd May 1882.

No. 1209.—*Abstract of the Accounts of the Department of Issue of Paper Currency on the 30th April 1882, published as required by Section 23 of the Indian Paper Currency Act, 1871.*

CIRCLES OF ISSUE.	Whole amount of Notes in circulation.	RESERVE IN SILVER COIN AND BULLION.		
		Coin.	Bullion.	Total.
	Rs.	Rs.	Rs.	Rs.
Calcutta ...	6,87,22,540	1,78,58,610	34,77,039	2,13,36,540
Madras ...	1,54,73,420	90,27,325	11,00,000	1,01,27,325
Bombay ...	3,89,36,600	1,10,54,335	78,36,315	1,88,90,650
Allahabad ...	57,52,660	1,00,12,440	...	1,00,12,440
Lahore ...	80,16,515	1,64,77,575	...	1,64,77,575
Calicut ...	16,09,370	9,86,100	...	9,86,100
Kurrachee ...	34,88,085	41,28,575	40,000	41,68,575
TOTAL ...	14,19,99,180	6,95,44,960	1,24,54,254	8,19,99,214
Invested in Government Securities under Section 17 of the Act				5,99,99,966
GRAND TOTAL ...				14,19,99,180

D. M. BARBOUR,
Offg. Secy. to the Govt. of India.

MILITARY DEPARTMENT.

Simla, the 19th May, 1882.

APPOINTMENTS.

No. 265.—STAFF CORPS—

The undermentioned officers are admitted to the Bengal Staff Corps, with effect from the dates specified, subject to the confirmation of the Right Hon'ble the Secretary of State for India :—

Lieutenant St. George Loftus Steele, North Staffordshire Regiment, Officiating Squadron Officer, 2nd Bengal Cavalry,—10th March, 1880.

Lieutenant William David Thomson, Royal Irish Rifles, Officiating Squadron Officer, 1st Bengal Cavalry,—13th September, 1880.

Lieutenant Frederick Augustus Blyth, Royal Highlanders, Officiating Squadron Officer, 10th Bengal Lancers,—20th January, 1881.

No. 266.—PERSONAL STAFF—

His Excellency the Viceroy and Governor General is pleased to make the following appointment on His Excellency's personal staff :—

To be Honorary Surgeon.

Surgeon-Major G. C. Chesnaye, Indian Medical Service, Bengal Establishment, *vice* Surgeon-Major R. W. Cunningham, M.D., deceased.

No. 267.—COMMISSARIAT DEPARTMENT—

Lieutenant C. G. B. Hervey, Sub-Assistant Commissary General, 3rd Class, on probation, is confirmed in his appointment, with effect from the 28th March, 1881.

No. 268.—ORDNANCE DEPARTMENT—

Captain W. L. C. Gordon, R.A., Officiating Assistant Superintendent of Factories, is confirmed in that appointment, *vice* Captain C. H. Scott, R.A., appointed Superintendent of the Gunpowder Factory at Ishapore.

No. 269.—HYDERABAD CONTINGENT—

4th Infantry.

Surgeon C. Mallins, M.B., Officiating Medical Officer, 2nd Infantry, to be Medical Officer, *vice* Surgeon-Major H. Crocker, M.D., transferred.

No. 270.—VOLUNTEER CORPS—

East Indian Railway Volunteer Rifle Corps.

James Stuart Brooke, Esq., and John Joseph Ardavon Vincent Constantine Raye, Esq., to be Honorary Surgeons.

FURLOUGH AND LEAVE.

No. 271.—The undermentioned officers are granted furlough out of India, with the necessary subsidiary leave :—

Lieutenant-Colonel W. G. Waterfield, C.S.I., Bengal S. C., Commissioner, Punjab, Officiating Resident, 2nd Class, and Agent to the Governor General, Beluchistan, (p. a.) for 179 days, under rule VIII, clause 2, and rule IX of the regulations of 1868.

Lieutenant-Colonel C. O'L. L. Prendergast, Bengal S. C., Assistant Commissioner, 1st Grade, and Cantonment Magistrate, British Burma, (m. c.) for one year, under rules IX and XV of the regulations of 1868.

Surgeon K. MacK. Downie, M.D., (m. c.) for one year, under rules IX and XV of the regulations of 1868.

Surgeon H. K. McKay, 32nd Native Infantry, (p. a.) for two years, under rule IX of the regulations of 1868.

No. 272.—Major (Brevet Colonel) J. Browne, C.S.I., R.E., Executive Engineer, 1st Grade,

Public Works Department, is granted an extension of special leave, under Public Works Department Resolution No. 1605-27 E.G., dated the 3rd September, 1879, to the 9th January, 1882.

No. 273.—Conductor J. Rogers, Army Clothing Department, is granted leave in India (m. c.) for 91 days, with effect from the 9th February, 1882, under rule X of the regulations of 1875.

No. 274.—The undermentioned officers have been granted extensions of furlough by the Right Hon'ble the Secretary of State for India :—

Major H. W. Clarke, R.E., on urgent private affairs without pay, for thirty days.

Major D. H. Robertson, General List, Infantry, private affairs, for five days.

LONDON GAZETTE.

No. 275.—The following extracts are published for general information :—

"London Gazette," dated the 31st March, 1882, page 1471.

"INDIA OFFICE,
31st March, 1882.

"The Queen has approved of the following admissions to the Staff Corps made by the Government of India :—

BENGAL STAFF CORPS.

To be Captain.

Captain Henry Manley Briscoe, from the Liverpool Regiment. Dated 19th May, 1881, but to rank from 18th May, 1881.

To be Lieutenants.

Lieutenant Edward William Fane Martin, from the Border Regiment. Dated 14th November, 1879, but to rank from 10th September, 1875.

Lieutenant John Graham Smith, from the Suffolk Regiment. Dated 25th September, 1880, but to rank from 21st September, 1876.

Second Lieutenant Julian Henry Young, from the North Lancashire Regiment. Dated 7th March, 1880.

Lieutenant William Annesley Burton Dennys, from the Wiltshire Regiment. Dated 30th October, 1880, but to rank from 14th July, 1880.

Lieutenant John Lampen, from the Wiltshire Regiment. Dated 6th November, 1880, but to rank from 21st August, 1880.

The promotion in the East Surrey Regiment of Lieutenant Ernest Hunter Rodwell, who was admitted to the Bengal Staff Corps in the *London Gazette* of the 11th November, 1881, having been since post-dated to the 24th September, 1879, he will rank as a Lieutenant in the Staff Corps from that date, instead of from the 8th August, 1879, as stated in that Gazette.

"London Gazette," dated the 14th April, 1882, pages 1696 and 1697.

INDIA OFFICE,
14th April, 1882.

The Queen has approved of the retirement from Her Majesty's Indian Military Forces of the undermentioned Officers :—

Major and Brevet Lieutenant-Colonel William Thompson, Madras Cavalry. Dated 1st February, 1882.

Surgeon-Major Edric Selous, M.D., Bengal Medical Establishment. Dated 1st February, 1882.

Surgeon-Major George Coates Bell, M.D., Bombay Medical Establishment. Dated 13th April, 1882.

The undermentioned Officers are granted a step of honorary rank on retirement :—

To be Colonel.

Lieutenant-Colonel William Thompson, Madras Cavalry. Dated 1st February, 1882.

To be Deputy Surgeons-General.

Brigade-Surgeon Theobald Ringer, M.D., Bengal Medical Establishment. Dated 21st September, 1881.

Brigade-Surgeon Clarence Cooper, M.D., Madras Medical Establishment. Dated 27th December, 1881.

To be Brigade-Surgeons.

Surgeon-Major Simon Mackertich, M.D., Bengal Medical Establishment (since deceased). Dated 6th September, 1881.

Surgeon-Major Alexander Dugald Campbell, M.D., Bengal Medical Establishment. Dated 20th October, 1881.

Surgeon-Major Frederick George Constant, M.D., Bengal Medical Establishment. Dated 3rd January, 1882.

The Queen has approved of the admission of the undermentioned Surgeons to Her Majesty's Indian Medical Service :—

To be Surgeons.

Dated 1st October, 1881.

Bengal.

Louis Tarleton Young.
James Barry Gibbons.
George Jolly Shand, M.D.
Donald St. John Dundas Grant.
Dirom Grey Crawford.

The Queen has approved of the following promotions among the Officers of the Staff Corps and Indian Military Forces made by the Governments in India :—

BENGAL STAFF CORPS.

To be Lieutenant-Colonels.

Major Arthur Robert Chapman. Dated 4th January, 1882.

Major Edward Christopher Codrington. Dated 4th January, 1882.

To be Major.

Captain and Brevet Major Seymour Duncan Barrow. Dated 4th January, 1882.

To be Captain.

Lieutenant George Hand More-Molyneux. Dated 5th January, 1882.

BENGAL ARMY.

Infantry.

To be Colonel.

Lieutenant-Colonel William Astell Franks. Dated 1st January, 1882.

To be Majors.

Captain Archibald Cuthbert Bigg Wither. Dated 2nd January, 1882.

Captain Henry John Lawrence. Dated 4th January, 1882.

Captain William Loch. Dated 4th January, 1882.

BENGAL MEDICAL ESTABLISHMENT.

To be Brigade-Surgeon.

Surgeon-Major David Boyes Smith, M.D. Dated 21st September, 1881.

BREVET.

The following promotions, dated 1st July, 1881, to take place in succession to General Officers removed to the Unemployed Supernumerary List in the *London Gazettes* of the 4th and 29th November, 1881:—

Majors to be Lieutenant-Colonels.

Victor Edward Law, Madras Cavalry.
Harry Cavaye Stevens, Madras Cavalry.

Captains to be Majors.

Douglas Cowslade Hennessy, Bengal Infantry.
Everard Neal Digges La Touche, Bengal Infantry.
Robert Edward Seymour Smyth, Bengal Infantry.
George Michell Devereux Hill, Bengal Infantry.
Francis Henry Hindo, Bengal Infantry.
Charles Hyder Forster, Bengal Infantry.
Alfred James Stead, Bengal Infantry.
Henry Wylie, C.S.I., Bengal Infantry.
Edward Millett Forbes, Bengal Infantry.
Reginald Hennell, Bombay Infantry.
James Eyles Gordon, Bombay Infantry.
Walter Stuart Hore, Bombay Infantry.
Arthur Benjamin Clare, Bengal Infantry.
William Laing, Bombay Infantry.
William Hope Meiklejohn, Bengal Infantry.
Archibald Cuthbert Bigg Wither, Bengal Infantry.
Henry John Lawrence, Bengal Infantry.
William Loch, Bengal Infantry.
Binfield Wemyss, Bengal Infantry.
Allen Scott Roberts, Bengal Infantry.
Arthur John Tregonwell Welchman, Bengal Infantry.
Malcolm Wilkinson Stevens, Bombay Infantry.
Charles Theodore Echalaz, Bombay Infantry.
William Cunningham Morris, Bombay Infantry.

Note.—The above Officers, with the exception of Captains Wemyss, Roberts, and Welchman, have since been promoted to the substantive rank of Major.

ERRATUM.

The date of promotion to the rank of Captain of Lieutenant Lewis Maltby Boileau, Bengal Staff Corps, is *10th* July, 1881, and not *14th* July, 1881, as stated in the *London Gazette* of the 30th September, 1881."

NAMES AND DESIGNATIONS.

No. 276.—Conductor J. J. Bennett, Ordnance Department, Bengal, is permitted to assume the surname of *Horton-Bennett* in lieu of that of "Bennett."

PROMOTIONS.

No. 277.—The following promotions are made subject to Her Majesty's approval:—

BENGAL STAFF CORPS.

To be Lieutenant-Colonel.

Major Edward Temple,—15th May, 1882.

BREVET.

To be Colonel.

Lieutenant-Colonel Charles James Hughes, Bengal S. C.,—15th May, 1882.

No. 278.—MILITARY WORKS DEPARTMENT—

The following temporary promotions and reversion are made in the Engineer Establishment of the Military Works Department, with effect from the dates specified:—

Name.	From	To	Date.
Lieutenant G. Davidson, R.E.	Assistant Engineer, 1st Grade.	Executive Engineer, 4th Grade.	17th February, 1882.
Captain S. J. Lambert, R.E.	Do.	Do.	27th February, 1882.
Lieutenant C. C. Ellis, R.E.	Do.	Do.	11th March, 1882.
Lieutenant R. A. Wahab, R.E.	Do.	Do.	13th March, 1882.
Lieutenant R. A. Wahab, R.E.	Temporary, Executive Engineer, 4th Grade.	Assistant Engineer, 1st Grade.	30th March, 1882.

No. 279.—NATIVE ARMY—

13th Native Infantry.

Havildar Hur Dial, to be Jemadar, *vice* Deboo Khutree, deceased,—19th May, 1882.

PENSIONS.

No. 280.—Sub-Conductor Thomas McEwan, Military Works Department, is transferred to the Pension establishment.

No. 281.—1st Class Apothecary John Casey, Subordinate Medical Department, is transferred to the Pension establishment.

RETIREMENTS.

No. 282.—With reference to G. G. O. No. 210 of 1882, and under the authority of the Right Hon'ble the Secretary of State for India, His Excellency the Governor General in Council is pleased to notify that Commandants and Wing and Squadron Commanders of Native Regiments will be eligible for the special terms of retirement offered in paragraph 21 of the G. G. O. above quoted, to the extent to which such retirements may not be availed of in each army respectively by the Commandants and Wing and Squadron Commanders of the regiments to be reduced.

2. Each vacancy created in a corps to be retained, consequent on Commandants or Wing or Squadron Commanders accepting retirement on these terms, will be filled up by the appointment of an officer in a corresponding regimental rank from one of the reduced regiments, who has elected to continue in the service.

3. Commandants thus appointed from reduced regiments to corps to be retained will count their previous command service in the former towards the limited tenure of command laid down in G. G. O. No. 209 of 1882.

4. The total number of the special retirements offered are as follows:—

		Commandants.	Squadron or Wing Commanders.
For Bengal Army and Punjab Frontier Force	Cavalry	3	9
	Infantry	6	12
For Madras Army ...	Infantry	8	16
„ Bombay Army ...	Cavalry	1	3
	Infantry	4	8

5. In the event of the number of applicants for such of these retirements as may not be accepted by the officers of the reduced regiments in the respective ranks being in excess of the number then remaining available, the preference will be given according to length of service.

G. CHESNEY, *Colonel,*
Secretary to the Government of India.

MILITARY DEPARTMENT.

NOTIFICATION.

Calcutta, the 15th May, 1882.

Under Clause 26 of the Regulations appended to the Regimental Debts Act of 1863, it is notified that reports of the deaths of the undermentioned Commissioned Officers, on the dates specified, were received in the Military Department from the 2nd to the 15th May, 1882 :—

Corps.	Rank and Names.	Date of decease.	Place of decease.	Testate or Intestate.	Remarks.
Bengal Staff Corps ...	Lieutenant-Colonel J. L. Loch ...	12th April, 1882	Sitabuldi ...	.....	.....
Ditto ...	Major H. L. Smith ...	23rd April, 1882	Poona ...	.....	.....

Statement of Deposits on account of Estates from the 2nd to the 15th May, 1882.

On whose account.	Rank.	Corps.	Date of decease.	Testate or Intestate.	Total unclaimed amount deposited.	Amount paid in India.	Date to which claims will be received.
Francis Edward Charles Hood (*a*).	Surgeon ...	Army Medical Department.	15th February, 1882.	Intestate	Rs. 1,462-12-9	...	15th July, 1882.

(*a*) *Brothers*—Gerald C. Hood, address, Post Office, Sydney; Godfrey C. Hood; Colin C. Hood; Donald W. C. Hood; Basil W. C. Hood.
Sisters—Florence M. Hood; Annettie L. J. Wormald.

W. M. LEES, *Colonel,*
Officiating Secretary to the Government of India.

MILITARY (MARINE) DEPARTMENT.

Simla, the 19th May, 1882.

APPOINTMENTS.

No. 19.—The services of Lieutenant Channer, R.N., having been placed at the disposal of the Government of India by Her Majesty's Government for employment in the Marine Survey Department, the Governor General in Council is pleased to appoint him to be an Assistant Superintendent, 1st Grade, *vice* Navigating-Lieutenant E. W. Petley, R.N.

Lieutenant Channer joined his appointment on the 24th April, 1882.

No. 20.—Mr. Burnett Ashburner, to be a 4th Grade Officer in Her Majesty's Indian Marine, on probation, with effect from date of joining.

G. CHESNEY, *Colonel,*
Secretary to the Government of India.

PUBLIC WORKS DEPARTMENT.

NOTIFICATIONS.

Simla, the 15th May 1882.

No. 136.—Mr. H. M. Mathews, Manager and Engineer-in-Chief, Rangoon and Irrawaddy Valley Railway, and Engineer-in-Chief, Sittang Valley Railway, is granted six months' furlough to Europe from the 5th May 1882, or such subsequent date as he may avail himself of the same under Chapter V of the Civil Leave Code.

Mr. H. Rigg, Executive Engineer, 1st Grade, is appointed to officiate as Manager and Engineer-in-Chief during Mr. Mathews' absence, or until further orders.

While officiating for Mr. Mathews, Mr. Rigg will draw the pay of Class I, Grade 3, of the Revenue scale.

The 16th May 1882.

No. 137.—The Governor General in Council is pleased to make the following promotions, with effect from the dates specified :—

Names.	From	To	Date.	Nature of promotion.
Martin, E. J. ...	Sub. *pro tem.* Supdg. Engineer, Class II.	Supdg. Engineer, Class I ...	26th April 1882	Officiating.
Swinton, Lieut.-Col. G., R.E.	Tempy. Supdg. Engr., Class III	" " " II ...	26th " "	"
Sargeaunt, Major R. A., R.E.	Executive Engineer, 1st Grade	" " " III ...	17th March "	Temporary.
Walker, F. B. ...	" " 1st "	" " " III ...	19th April "	Officiating.

No. 138.—With reference to Foreign Department Notification No. 763E.P. of the 5th instant, the services of Major J. A. Armstrong, R.E., Executive Engineer, 1st Grade, are replaced at the disposal of the Government of the Punjab in the Public Works Department.

The 17th May 1882.

No. 139.—With reference to Foreign Department Notification No. 773G.G. of the 12th May 1882, Mr. H. Groves, Executive Engineer, 3rd Grade, is posted to Central India.

No. 140.—Mr. W. H. Freeman, in Class III of the Revenue Establishment of State Railways, officiated in Class II from the 5th to the 17th March 1882, both days inclusive, during which period he held charge of the Traffic Department of the Indus Valley and Kandahar State Railways.

The 18th May 1882.

No. 141.—Mr. F. K. Cunliffe, Storekeeper in Class III of the Revenue Establishment of State Railways and Officiating Stock Verifier for State Railways, is transferred from the Central Provinces to the Establishment under the Director General of Railways.

The 19th May 1882.

No. 142.—Major F. J. Home, R.E., Superintending Engineer, Class III, temporary rank, is promoted to officiate in Class II, with effect from 6th May 1882.

No. 143.—Mr. R. C. Williams, Traffic Candidate, is promoted to Class IV of the State Railway Revenue Establishment, with effect from 10th May 1882.

W. S. TREVOR, *Colonel, R.E.,*
Secy. to the Govt. of India.

The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, MAY 20, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller General, &c.

GAZETTE OF INDIA.

NOTICE.

The 11th March 1882.

From the 8th April next, till further notice, Parts I, IV, and V of the *Gazette of India*, and the Weather and Crop Report, will be published at Simla. After the 1st April, all Notifications and other matter intended for publication in those Parts, should be addressed to the Officiating Publisher at that station.

Parts II and III and the Supplement will continue to be published in Calcutta.

Parts IV and V of the *Gazette of India*, containing the Acts and Bills of the Legislative Council, may be subscribed for separately from the other Parts of the Gazette. The annual subscription for the two Parts will be Rs. 5 per annum, payable in advance. When sent by post, Rs. 2-8 per annum additional will be charged for postage. For the current year these Parts are available from 1st May only, the back numbers being out of print.

Complaints regarding non-receipt of any number of the *Gazette* should be forwarded within a week after the day on which it is due.

Applications for the supply of the *Gazette* on the *public service* should be addressed to the Home Department.

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E. J. DEAN,

Publisher, Gazette of India.

NOTICE.

The Office of Superintendent of Government Printing having been removed to No. 166, Dhurrumtollah Street, all communications intended for that Office should be sent to that address.

E. J. DEAN,

Supdt. of Govt. Printing, India.

BANK OF BENGAL.

NOTICE.

Calcutta, the 16th May 1882.

The Directors have made the following changes in the Establishment:—

Mr. F. A. Gillam, Agent at Rangoon, to officiate as Deputy Secretary.

Mr. W. Westland, Inspector of Branches, to officiate as Agent at Rangoon.

W. D. CRUICKSHANK,

Offg. Secretary & Treasurer.

SURVEY OF INDIA.

NOTIFICATIONS.

Mussooree, the 12th May 1882.

No. 279.—The following promotions are made, with effect from the 24th April, *vice* Major H. Lees Smith, M.A., LL.B., Assistant Superintendent, 1st Grade, and Officiating Deputy Superintendent, 3rd Grade, deceased:—

Major J. R. Wilmer, Assistant Superintendent, 2nd Grade, is confirmed in the 1st Grade of Assistant Superintendents, in which he is at present officiating.

Mr. W. G. Beverley, Assistant Superintendent, 3rd Grade, is promoted substantively to the 2nd Grade, but will continue to officiate in the 1st Grade until further orders.

The following temporary promotions are also made, with effect from the same date:—

Mr. W. H. Cole, M.A., Assistant Superintendent, 1st Grade, to officiate as Deputy Superintendent, 3rd Grade.

Captain J. R. Hobday, Officiating Assistant Superintendent, 2nd Grade, to officiate as Assistant Superintendent, 1st Grade.

The 15th May 1882.

No. 280.—The special Afghanistan leave granted to Mr. H. Corkery, Assistant Surveyor, 2nd Grade, in Notification No. 273, dated 27th April 1882, is commuted to leave to Europe on medical certificate for twelve months, with the necessary subsidiary leave under the provisions of Section 139 of the Civil Leave Code.

The 16th May 1882.

No. 281.—Consequent on the return from furlough of Brevet Lieutenant-Colonel W. M. Campbell, R.E., Deputy Superintendent, 2nd Grade, Survey of India, the following reversions are made, with effect from the forenoon of the 15th May 1882:—

Mr. J. O. N. James, Officiating Deputy Superintendent, 2nd Grade, to revert to his substantive appointment of Deputy Superintendent, 3rd Grade.

Mr. W. H. Cole, M.A., Officiating Deputy Superintendent, 3rd Grade, to revert to his substantive appointment of Assistant Superintendent, 1st Grade.

Captain J. R. Hobday, Officiating Assistant Superintendent, 1st Grade, to revert to his officiating appointment of Assistant Superintendent, 2nd Grade.

J. T. WALKER, *Lieut.-Genl., R.E.,*
Surveyor General of India.

TELEGRAPH DEPARTMENT.

NOTIFICATIONS.

Calcutta, the 16th May 1882.

No. 6.—Mr. M. Thornton, an Assistant Superintendent of the 1st Grade, is allowed furlough for eighteen months, under Section 49 of the Civil Leave Code, with effect from the forenoon of the 16th April 1882.

No. 7.—Mr. W. M. Shaw, an Assistant Superintendent of the 3rd Grade, is allowed furlough for nine months, under Section 49 of the Civil Leave Code, with effect from the forenoon of the 16th April 1882.

The 17th May 1882.

No. 8.—Mr. F. G. Teale, a Superintendent of the 1st Grade, is allowed special leave for six months, under Section 60 of the Civil Leave Code, with effect from the forenoon of the 5th May 1882.

R. MURRAY, *Colonel,*
Director General of Telegraphs in India.

AGENT, GOVERNOR GENERAL, FOR RAJPUTANA.

NOTIFICATIONS.

Mount Abu, the 9th May 1882.

No. 1272 *G.*—With reference to Foreign Department Notification No. 536 G. G., dated 14th April 1882, Surgeon G. A. Cones assumed medical charge of the Meywar Bhil Corps on the forenoon of the 28th April 1882.

The 13th May 1882.

No. 1283 *G.*—Mr. F. T. Hewson, C.S., Assistant Agent to the Governor General, Rajputana, and Officiating Assistant Commissioner, Ajmir, is granted three months' privilege leave from 24th May 1882, or such subsequent date as he may avail himself of the same.

The 12th May 1882.

No. 1300 *G.*—Second Class Hospital Assistant Runjeet Singh is permitted to resign the service of Government, with effect from the 9th May 1882.

Second Class Hospital Assistant Ausgur Hoossein of the Abu Dispensary is permitted to exchange appointment with 2nd Class Hospital Assistant Abdul Kadir of the Nakur Dispensary in Saharanpore, and is transferred to the North-Western Provinces and Oudh, with effect from the 13th April 1882.

First Class Hospital Assistant Mohomed Galib, attached to the Rajputana-Malwa Railway, is transferred to the Reserve List of Civil Hospital Assistants of Rajputana, with effect from the 12th April 1882.

Second Class Hospital Assistant Gooruchurn Lusker held medical charge of the Detachments forming the Escort with the Camp of the Agent, Governor General, for Rajputana, from 1st November 1881 to the 20th March 1882, in addition to his own duties.

Second Class Hospital Assistant Ram Lall held medical charge of the Detachment of the Erinpura Irregular Force, attached to the Assistant Political Agency of Bikanir, from 28th December 1877 to 31st March 1879, in addition to his own duties.

No. 1307 *G.*—Major H. B. Abbott, Political Superintendent, Jhallawar, availed himself, on the forenoon of the 1st May 1882, of the privilege leave granted him in this Office Notification No. 834 G., dated 9th April 1882, making over charge of the current duties of his office to Major C. A. Baylay, Political Agent at Kota.

By Order,

E. A. FRASER,
1st Asst. Agent to the Govr. Genl.

CHIEF COMMISSIONER OF AJMIR-MERWARA.

NOTIFICATION.

Mount Abu, the 11th May 1882.

No. 304.—Major G. H. L. Greenfield, Officiating Commandant, Deoli Irregular Force, is

appointed to officiate as Cantonment Magistrate, Deoli, with effect from date of assuming charge, *vice* Colonel C. H. Clay, on privilege leave.

Major G. H. L. Greenfield is invested with the powers of a Magistrate, 2nd Class, as described in Section 20 of the Criminal Procedure Code, and with the powers of a Sub-Judge of the 2nd Class, to hear suits of a civil nature up to Rs. 500 in value.

By Order,

A. P. THORNTON,

for *1st Asst. to the Chief Commr.*

RESIDENT IN MYSORE.

NOTIFICATION.

Bangalore, the 9th May 1882.

No. 3.—Surgeon P. H. Benson, M.B., Residency Surgeon, returned from the ten days' privilege leave granted him in Notification No 2, dated 20th ultimo, on the forenoon of the 3rd instant.

By Order,

H. WYLIE, *Major,*

Asst. to the Resident.

CALCUTTA UNIVERSITY.

NOTICE.

The Syndicate has selected "Golden Deeds," published by Messrs. Macmillan & Co., as the text-book in English for the Entrance Examination of 1883. The particular portions of this work to be read will be announced later. A cheap edition of "Golden Deeds" is about to be issued by Messrs. Thacker, Spink & Co.

G. BELLETT,

Registrar.

SENATE HOUSE,
The 16th May 1882.

MILITARY DEPARTMENT—
Military Works.

NOTIFICATIONS.

Simla, the 9th May 1882.

No. 23.—With reference to Military Department Notification No. 236, dated 5th May 1882, Lieutenant J. C. Campbell, R.E., Assistant Engineer, 1st Grade, is posted to the Rawalpindi Command, Military Works.

No 24.—With reference to Military Department Notification No. 236, dated 5th May 1882, Lieutenant H. L. C. H. Stafford, R.E., Assistant Engineer, 2nd Grade, is posted to the Meerut Command, Military Works.

J. J. McLEOD INNES, *Colonel, R.E.,*

Inspr. Genl. of Military Works.

Sirhind & Lahore Command.

Lahore, the 8th May 1882.

No. 119.—Major J. H. Crowdy, R.E., Executive Engineer, transferred to the Sirhind and Lahore Command, Military Works, is posted to the Kasauli Division, Military Works, of which he assumed charge, on the forenoon of the 28th April 1882, from Lieutenant G. H. Sim, R.E., Executive Engineer.

T. C. MANDERSON, *Major, R.E.,*

Supdg. Engr., Sirhind & Lahore Command, Military Works.

DIRECTOR GENERAL OF RAILWAYS.

NOTIFICATION.—ESTABLISHMENT.

Simla, the 12th May 1882.

No. 36.—Mr. S. DeBrath, Assistant Engineer, 2nd Grade, Rajputana-Malwa Railway, is granted six months' furlough to Europe on medical certificate, with effect from the 1st May 1882, and subsidiary leave from 25th to 30th April 1882.

F. S. STANTON, *Col., R.E.,*

Director General of Railways.

Report of a Deserter from the 6-10th Royal Regiment of Artillery, dated at Colaba, Bombay, this 16th day of May 1882.

Number, Rank, and Name,—No. 4333, Gunner William Evans.
Age,—26 years 3 months.
Size,—5 feet 9¼ inches.
Colour of—
Complexion, pale; Hair, brown; Eyes, blue.
Date of Desertion,—14th May 1882.
Place of Desertion,—Colaba, Bombay.
Date of Enlistment,—28th January 1881.
At what Place Enlisted,—Bristol.
Parish and County in which Born,—St. Davids, Neath, Glamorgan.
Marks,—Female figures on chest.
Trade,—Fireman.
Coat or Jacket,— } Regimentals.
Waistcoat,— ... } Regimentals.
Breeches or Trowsers,— ... } Regimentals.
REMARKS,—
Under 2 years' service.

——————, *Capt., R.A.,*

Comdg. 6-10th R.A.

Report of a Deserter from the 1st Battalion, Regiment of Rifle Brigade, dated at Colaba Depôt, Bombay, this 15th day of May 1882.

Name,—George Milton.
Age,—22 years 8 months.
Size,—5 feet 5 inches.
Color of—
Complexion, fresh; Hair, dark brown; Eyes, grey.
Peculiar Marks by which his Identity may be ascertained,—Tombstone on right forearm, star, sailors, &c., left forearm.
Date of Desertion,—11th May 1882.
From whence Deserted,—Colaba Depôt, Bombay.
Date of Enlistment,—27th January 1880.
Place of Enlistment,—Westminster, London.
Parish and County in which Born,—Sidney, New South Wales.
Former Trade or Occupation,—Seaman.
Dress at the time of Desertion,—
Coat or Jacket,— ... } Regimentals.
Waistcoat— ... } Regimentals.
Breeches or Trowsers— ... } Regimentals.
REMARKS, stating any particular circumstances attending his Desertion,—This man was employed at the Telegraph Department, Bombay.

S. WATSON, *Major,*

Comdg. 1st Bn., Regt. of Rifle Brigade.

ST. MARY'S CEMETERY, MADRAS.

DILAPIDATED TOMBS.

Notice is hereby given that the Monuments and Tombs in St. Mary's Cemetery enumerated below are now in a ruinous condition. Such of them as are not restored by persons interested before the 30th day of next September will be made level with the ground, and the inscription slab will be placed over the grave or erected on the adjoining wall of the Cemetery by the Government Officer.

W. LEEMING,

Garrison Chaplain.

Half-yearly Report of certain Grave Stones, Tombs, and other Monuments in Saint Mary's Cemetery, Madras, requiring repairs.

Compartment No.	No. of Grave in Cemetery Register.	Date of Death.	Full Name as inscribed on Head Stone.	Rank or Regimental Profession or Calling of Person buried.	General Description of Tomb.	Size of Tomb.	General present Requirements.
8	25	15th May 1849	Mrs. Mary Coultroup	Mother of Mr. Parker Coultroup	Polished Granite on Masonry Plinth.	5 × 5	Plinth requires plastering.
8	13	3rd June 1824	Mrs. Hannah Bonnington	Servant to Lady Franklin	Brick-in-mortar	3½ × 2	Requires plastering.
8	4	18th August 1813	Margaret Fraser	Wife of William Fraser	High Structure Brick-work.	10¼ × 10¼	Do.
8	3	9th June 1812	Thomas William Jackson	Serjeant, H. M.'s 25th Regiment, Light Dragoons.	Rectangular Brickwork	8¼ × 3½	Do.
8	11	25th October 1819	Robert Outlaw	Captain, 3rd Regiment, Light Cavalry	Obelisk. Brick-in-mortar.	3½ × 3½	Do.
8	20	24th June 1839	Mrs. Ann Beswick	. . . . .	Do.	7 × 3¾	Do.
8	15	27th December 1824	Francis Boyle	. . . . .	Do.	7¼ × 7¼	Do.
8	18	13th April 1833	Mr. Walter Patrick Joyes	. . . . .	Do.	7½ × 3½	Do.
8	8	14th March 1817	W. H. Slade	Honorable Lieutenant, E. I. C. S.	Do.	7¾ × 4¼	Do.
8	12	25th August 1821	Caroline Talbot	Daughter of G. Talbot, Conductor of Ordnance	Do.	2¼ × 2¼	Do.
8	2	24th September 1811	John Nicholas Brady	. . . . .	Do.	4 × 2¼	Do.
8	6	31st January 1814	John Reid	. . . . .	Do.	8½ × 5½	Do.
8	9	16th November 1817	Richard Davidson	Sub-Assistant Surgeon, H. M.'s Service	Do.	6¾ × 4¾	Do.
8	23	8th March 1839	Mrs. Susan Anderson	Wife of Edward Y. Anderson	Do.	7 × 3¾	Do.
8	16	1828	Susan	. . . . .	Do.	2¼ × 1	Very bad order; requires plastering.
8	17	7th September 1830	Samuel Peach Boutflour	Civil Service	Do.	2¼ × 1¼	Requires plastering.
8	7	25th February 1817	William Lewis	Lieutenant-Colonel	High Structure, Brick-in-mortar.	8 × 8	Do.

9	19	9th May 1815	Edward Malton	Captain, 13th Regiment, M. N. I.	Brick-in-mortar	8½ × 5¾	Do.
9	28	7th March 1821	Margaret Clark	Wife of Conductor S. Clark	Do.	7 × 3¾	Do.
9	41	3rd April 1844	Ellen Girton McNamee	Wife of Lieutenant and Adjutant John McNamee of H. M.'s 57th Regiment.	Do.	7¼ × 3½	Do.
9	22	23rd April 1816	Georgiana Willows	Wife of Lieutenant John Willows of the 25th Regiment, N. I.	Brickwork	6 × 6	Do.
9	40	14th July 1831	Henrietta Dorothea Haig	Wife of Captain James Russell Haig, Deputy Assistant Adjutant-General.	Do.	2¼ × 5	Do.
9	39	12th July 1831 A.D.	Charles Rundall	Lieutenant-Colonel, Deputy Military Auditor-General.	Do.	2¼ × 5	Do.
9	31	4th February 1822	Catherine Elizabeth	The daughter of Captain N. H. Hatherly	Do.	3 × 2	Do.
9	30	30th December 1821	John Roe	H. M.'s 2-30th Regiment	Do.	4¼ × 4¼	Do.
9	50	1st April 1839	James Russell Haig	Major, 34th C. L. I., and Acting Adjutant-General of the Army, Fort St. George.	Do.	7 × 3½	Do.
9	23	2nd June 1816	William Williams	Son of Serjeant John Williams, Pensioner	Do.	4½ × 2½	Do.
9	29	26th May 1821	William Henry Boyle	Son of Lieutenant, 10th Regiment, N. I.	Do.	3½ × 3½	Do.
9	13	25th June 1813	Mr. Francis Gammidge		Do.	7¾ × 3½	Do.
9	10	2nd April 1813	Mr. P. S. R. Higham	Conductor	Do.	3 × 4¼	Do.
9	12	3rd May 1813	William Ross	Cabinet-maker, Madras	Do.	7½ × 6½	Do.
9	8	10th December 1812 A.D.	John Young Porter	Captain, 9th Regiment, N. I.	Do.	5 × 3	Do.
9	24	16th September 1816	Thomas and John Hunt, Brothers.	Master Attendant, Ganjam; latter Head Book-keeper, Accountant-General's Office, Madras.	Do.	5½ × 5½	Do.
9	7	5th March 1813	James Jacobs	School Master	Do.	6 × 4½	Do.
9	26	28th May A.D. 1819	Mrs. Johanna Stephenson	Wife of Mr. J. W. Stephenson	Do.	6¾ × 6¾	Do.
9	11	24th April A.D. 1813	Mr. William Stephenson	Sub-Assistant Surgeon under the Presidency, Fort St. George.	Do.	6 × 6	Do.
9	46	10th July 1835	Charlotte Mary Anne	Wife of Richard Henry Daniel Towle, Mariner	Do.	8 × 4	Do.
9	20	28th September 1815	Lewis Udolphus Wellington	Infant son of Nickolas Heefke	Do.	4¾ × 4¾	Do.
9	4	12th May 1812	W. Weldon	Late Store Sergeant of H. M.'s 80th Regiment.	Do.	9 × 3	Do.
9	2	3rd October 1811	Eliza	Daughter of Captain Dalrymple	Do.	4 × 4	Do.
9	69		John Gammidge	Private of H. M.'s 22nd L. D.	Brick-in-chunam	8 × 3½	Do.
9	17	12th September 1813	Charlotte	Wife of Captain Prior, Royal Navy	Brickwork	8 × 3½	Do.
9	15	21st July 1813	Mary Anne	Daughter of Joseph Prior, Esq.	Do.	3¾ × 2¼	Do.
9	6	16th August 1812	Mark Butler		Brick-in-mortar	4½ × 2½	Do.
9	14	9th July 1813	Louisa Harrison	Daughter of George B. and Harriet Harrison	Brickwork	3½ × 3½	Do.
9	9	2nd February 1813	Hugh Love	Surgeon, H. M.'s S. *Africaine*	Do.	7 × 3½	Do.
9	3	21st April A.D. 1812	John Alexander Somerset Williams.	Late Deputy Register of the Supreme Court	Do.	4 × 2½	Do.
9	18	19th April 1814	Henry Charles	Third son of Samuel Thomas Goad	Do.	8¼ × 8¼	Do.

Half-yearly Report of certain Grave Stones, Tombs, and other Monuments in St. Mary's Cemetery, Madras, requiring repairs—continued.

Compartment No.	No. of Grave in Cemetery Register.	Date of Death.	Full Name as inscribed on Head Stone.	Rank or Regimental Profession or Calling of Person buried.	General Description of Tomb.	Size of Tomb.	General present Requirements.
9	25	9th March 1817	Maria Jane	Wife of Samuel Thomas Goad, Esq.	Brickwork	4 × 2½	Requires plastering.
9	32	10th November 1822	Adam Tate Gibson	Captain, H. M.'s 10th and 51st Regiment, and latterly a merchant of Madras.	Do.	3¾ × 3¾	Do.
9	27	8th September 1819	The children of Maria Jane Howse.		Do.	7½ × 3¼	Do.
9	35	14th January 1835	Mrs. Mary Ann McGovern	Wife of Sub-Conductor John McGovern	Do.	7 × 3½	Do.
9	37	25th June 1842	Mr. Henry Portengen	Superintendent of the Monegar Choultry	Do.	7 × 3½	Do.
10	11	9th April 1812	Mr. John Haliburton	Eldest son of Colonel Haliburton	Do.	7¼ × 3¾	Do.
10	6	28th February 1811	Arthur Poyntz	Quartermaster of H. M.'s 30th Regiment	Do.	6½ × 4½	Do.
10	21	16th May 1822	Mrs. Emilia Perry	Wife of Mr. D. Perry	Do.	4¾ × 4¾	Do.
10	65	21st May 1869	Christopher Read DeLahoyde	Quartermaster-Sergeant, Governor's Body Guard.	Do.	7 × 3½	Do.
10	36	1st May 1824	Peregrine Davie	Captain, 1st Battalion, 24th Regiment, N. I.	Do.	5 × 4	Do.
10	24	11th June 1819	James John	Son of Captain William Ormsby	Do.	4½ × 4½	Do.
10	12	1st September 1812	Mr. Francis Medhurst	A Midshipman of H. M.'s Ship *Malacca*	Do.	5½ × 5½	Do.
10	7	26th June 1811	John Stanley Smith	Ensign, M. E. Regiment	Do.	6 × 3½	Do.
10	4	8th November 1810	Mr. Francis Monisse		High Structure Brickwork.	5¾ × 5¾	Do.
10	1	18th January 1811	Maria Green	Wife of John Green, Conductor of Ordnance	Brickwork	8¼ × 3½	Do.
10	41	17th March 1831	Mr. James Richard Daily	Proprietor of the Madras Tannery	Do.	8 × 4½	Do.
10	37	3rd September 1824	John Dupont Godfrey		Do.	8 × 5	Do.
10	43	25th December 1827	Mrs. Jane Donaldson		Do.	3½ × 3½	Do.
10	49	14th October 1830	William Clamp	Infant son of Brookes, Deputy Assistant Commissary.	Do.	7½ × 3¾	Do.
10	5	8th September 1813	Sarah Shea		Do.	6½ × 3	Do.
10	14	19th September 1812	John Pryee Harrison	Lieutenant, 24th Regiment	Do.	8½ × 5½	Do.
10	13	3rd September 1812	James Locke	Lieutenant, 3rd Regiment, Cavalry, Fort St. George.	Do.	8 × 3½	Do.
10	3	10th September 1810	Charlotte	Wife of James White, Esq., Paymaster, H. M.'s 89th Regiment.	Do.	5¾ × 5¾	Do.
10	39½	20th May 1826	Louisa	Wife of G. E. Askin	Do.	3¼ × 3¼	Do.
11	14	16th September 1806	William Wittington		Do.	8 × 3½	Do.
11	56	18th May 1833	Arthur King	Lieutenant, Deputy Commissary of Ordnance.	Do.	7 × 3¾	Do.
11	26	10th October 1812	Marianna Jebb	Wife of Richard Jebb, LL.D.	Do.	7¾ × 4	Do.

11	54	30th July 1850	Thomas Locke	Captain of the 1st Native Veteran Battalion	Do.	12 × 7½	Do.
11	30	25th July 1814	Edward Dance	. . . . .	Do.	7½ × 5	Do.
7	23	6th March 1841	Michael Pollard	. . . . .	Do.	6¾ × 3¼	Do.
7	1	28th June 1804	Richard Leslie, A.M.	Minister of Fort St. George	Do.	8¼ × 3½	Do.
7	3	27th November 1815.	Charles Alexander James McBain.	. . . . .	Do.	4½ × 4½	Do.
7	4	16th January 1820	Mr. George Childs	. . . . .	Do.	9½ × 6½	Do.
7	46	16th March 1863	Henry Arthur Gilbert Reneaux.	. . . . .	Do.	9 × 4½	Do.
7	20	21st January 1839	Mary Anne	Relict of Mr. Samuel Higginson, Surgeon, Madras Army.	Do.	7 × 3¼	Do.
7	7	29th April 1827	Gilbert Laird	. . . . .	Do.	12 × 10½	Do.
7	44	2nd October 1861	John Hill	Deputy Assistant Commissary and Overseer, D. P. W., Fort St. George.	Do.	7 × 4	Do.
7	10	10th February 1834	Adelaide Wheeler	Captain Richard Wheeler of H. H. Nizam's Service.	Do.	9¾ × 5	Do.
7	11	12th October 1832	Lavinia Josephine Rowbotham.	. . . . .	Do.	2½ × 2½	Do.
7	17	30th August 1836	David Peloquin Hooker	Deputy Commissary of Ordnance	Do.	7 × 3¾	Do.
7	12	1st November 1833	William Henry Golding Mapleton.	. . . . .	Do.	6¾ × 3	Do.
7	31	29th do. 1847	Joanna Frantz	. . . . .	Do.	7¼ × 3¾	Do.
7	41	10th June 1858	Mr. George Edwards	The valued Trustee of the Madras Mutual Benefit Fund.	Do.	7½ × 4	Do.
7	13	6th February 1834	H. J. Pattison	Cornet, 4th Regiment, Light Cavalry	Do.	7 × 3½	Do.
7	36	16th March 1852	Mrs. Louisa Walker	. . . . .	Do.	12 × 7¾	Do.
6	4	7th December 1831	Susan Quin	Wife of Mr. Felix Borgonha	Do.	7 × 3¾	Do.
6	46	From Dec. 1857 to March 1860.	W. Bryant G. Martin W. Stubbings R. Offord Color Sergeant T. Edwards E. Garland J. Smith	Who died during the Indian Mutiny	Do.	7 × 3½	Do.
6	56	26th November 1860	Charles Thomas.	Son of Quartermaster A. Williams, H. M.'s 43rd Regiment, Lieutenant.	Do.	7 × 3½	Do.
6	6	20th February 1833	William Bye	Key Serjeant of Black Town	Do.	8 × 4	Do.
6	57	28th September 1861	Charles William Xavier	Medical Student	Do.	7 × 3½	Do.
6	58	31st May 1839	Matilda Adeline Lucas	. . . . .	Do.	6 × 4	Do.
6	7	28th May 1838	Margaret Greaves Marshall	. . . . .	Do.	5 × 2½	Do.
6	35	31st August 1852	Frances Margaret Harris	. . . . .	Do.	6½ × 4	Do.

Half-yearly Report of certain Grave Stones, Tombs, and other Monuments in St. Mary's Cemetery, Madras, requiring repairs—continued.

Compartment No.	No. of Grave in Cemetery Register.	Date of Death.	Full Name as inscribed on Head Stone.	Rank or Regimental Profession or Calling of Person buried.	General Description of Tomb.	Size of Tomb.	General present Requirements.
6	31	29th November 1850	Christiana Frances	Wife of Mr. John Castor	Brickwork	14 × 9½	Requires plastering.
6	21	22nd January 1846	Terence C. Corley	Lieutenant, Deputy Assistant Commissary of Ordnance.	Do.	4 × 5	Do.
6	64	13th September 1861	John Edmund Sandford	Son of Frances William	Do.	5 × 2½	Do.
6	55	27th September 1860.	John Ward	Staff Sergeant, Commissariat Department	Do.	4½ × 3¼	Do.
6	2	26th September 1821.	William Urquhart	Projector and original Proprietor of the Commercial Circulator Press.	Do.	6¾ × 9½	Do.
5	25	11th February 1850	Robert Grant Carmichael	Major, 38th Regiment, M. N. I.	Do.	7½ × 3½	Do.
5	74	8th April 1872	William Grant, B.A.	First Uncovenanted Assistant, Board of Revenue, Madras.	Do.	7 × 3½	Do.
5	15	29th August 1875	Kathleen Cosby	Child of John Morries Maskell	Do.	6½ × 3½	Do.
5	41	27th September 1855	Edward Glass Sloan	Son of Mr. William Sloan	Do.	5½ × 3½	Do.
5	29½	29th June 1852	Mrs. Jean Milne	Wife of Overseer John Milne, Commissary Department.	Do.	4 × 2½	Do.
5	38	25th July 1855	Richard O'Hara Steele	The second son of Captain A. Loftus Steele, 6th Regiment, M. N. I.	Do.	5 × 3½	Do.
4	80	26th July 1857	Frances Edmund Plowden	Lieutenant of the 10th Regiment, M. N. I.	Do.	4 × 2	Do.
4	86	4th November 1860	Mr. John James Fitzpatrick	Invalid pensioner, Troop Quartermaster of the Horse Brigade Artillery.	Do.	5 × 2½	Do.
4	11	30th June 1820	Mrs. Mary Murray	The wife of Serjeant-Major Andrew Murray	Do.	7 × 3	Do.
4	71	5th December 1853	Ellen Maria	Son of Mr. John White	Do.	4½ × 3	Do.
...	...	15th November 1851	Angelica	Wife of Mr. Thomas Burghall	Do.	8 × 8	Do.
3	5	4th August 1813	William Greig, Esq.	...	Do.	14 × 14	Do.
2	8½	7th November 1869	F. Pace	Lieutenant, H. M.'s 45th Regiment, S. F., son of Major Pace.	Do.	6 × 4	Do.
2	86	24th December 1870	Frederick James Lawder	Quartermaster, 10th Regiment, M. N. I.	Do.	8 × 4	Do.
1	1	6th August MDCCCIX	Jacob Anderson, M.D.	...	Do.	20 × 15	Do.
1	3	23rd April 1810	Mrs. Ann Anderson Young	Daughter of Doctor James Anderson, Physician General, relict of Charles Wallace Young.	Do.	9 × 4¼	Do.
1	2	8th May 1809	George Westcott	...	Do.	8 × 4	Do.
1	4½	17th July 1811	Cecilia Matilda	Daughter of the Reverend Edward Vaughan, Senior Chaplain of Fort St. George.	Do.	6¾ × 4	Do.
14	4	7th April 1808	Edward Collins	Major-General	Do.	6¾ × 6¾	Do.

14	5	26th December 1808	George Wahab	Do.	Do.	10 × 10	Do.
1	18	24th June 1860	Isaac James Kingston	Assistant Apothecary, Madras Medical Establishment.	Do.	7 × 3¾	Do.
14	17	22nd January 1868	Anne Maria	Wife of John Bennett	Do.	9 × 4¾	Do.
14	27	28th February 1864	Matilda Sophia	Wife of Sergeant-Major E. Tweddle, 2nd Regiment, M. N. I.	Do.	7 × 3¾	Do.
14	24	7th November 1862	Clarissa Wilhelmina	Wife of Sergeant R. D. Jones, Royal Artillery.	Do.	7 × 3½	Do.
15	20	6th February 1855	Frank Munroe	Staff Sergeant, Commissary Department	Do.	7 × 3½	Do.
16	19	22nd May 1833	Daniel Doherty	Assistant Surgeon, H. M.'s 49th Regiment of Foot.	Do.	6¼ × 3¾	Do.
15	8	28th November 1864	William Komareck		Do.	7 × 3½	Do.
16	26	4th March 1835	John Onely Hall Andrews	Assistant Surgeon	Do.	6¼ × 3¾	Do.
16	21	20th August 1833	Benjamin Blake	Major, 45th Regiment, M. N. I.	Do.	7 × 3½	Do.
16	20	20th July 1833	Cornelia Maria Anne Townsend.		Do.	7 × 3½	Do.
14	7	30th September 1823	David C. Stewart	Captain, 2nd Battalion, 12th Regiment	Do.	7¼ × 3½	Do.
13	37	3rd August 1800	Mr. James Rammie		Do.	5 × 5	Do.
14	6	24th March 1809	Charles Maxtone	A Senior Merchant in the service of the Honorable E. I. Company.	Do.	13 × 13	Do.
13	81	14th July 1831	Lawrence Henry Edmonstone.	Son of P. Edmonstone Craigie, Major in H. M.'s 55th Regiment.	Do.	2¾ × 2¾	Do.
13	38	12th February 1801	Mr. George Andrews Ram	Honorable Company's Civil Establishment	Do.	7 × 3½	Do.
13	47	20th August 1805	Richard Griffiths		Do.	7¾ × 7¾	Do.
13	4	4th June 1780	John Small		Do.	5¼ × 2	Do.
13	24	5th September 1798 A.D.	Thomas Peters	Captain in the Honorable East India Company.	Do.	10¼ × 4¾	Do.
13	23	11th August 1798	Charles Oram	Assistant Surgeon	Do.	6½ × 3	Do.
13	27	20th February 1799	Miss Margaretta Juliana Frend.		Do.	4½ × 3	Do.
13	90	18th May 1836	Arthur Rowlandson, M.A.		Do.	7¼ × 3½	Requires plastering for basement only.
13	70	2nd March 1823	Alexander Major	Lieutenant, H. M.'s 41st Regiment	Do.	7¼ × 3½	Requires plastering.
13	73	30th May 1825	George Johnson	Do. do. do.	Do.	7¼ × 3½	Do.
13	85	9th August 1833	J. A. Penman	Surgeon	Do.	7¼ × 3½	Do.
13	49	8th May 1807	Miss Caroline Johns	Daughter of Daniel Johns	Do.	9 × 5	Do.
13	55	16th November 1808	Thomas Bowyen Hurdis	A Senior Merchant in the service of H. C. and one of the Judges of the Sadder Court.	Large Tomb, Brickwork.	9 × 9	Do.
13	57	March 1809	Mrs. Catherine Hurdis	Widow of T. B. Hurdis	Do.	5¼ × 5¼	Do.
13	88	23rd July 1835	Sir John Gordon, Baronet	Major, H. M.'s 13th Light Dragoons	Do.	7 × 3½	Do.

Half-yearly Report of certain Grave Stones, Tombs, and other Monuments in St. Mary's Cemetery, Madras, requiring repairs—continued.

Compartment No.	No. of Grave in Cemetery Register.	Date of Death.	Full Name as inscribed on Head Stone.	Rank or Regimental Profession or Calling of Person buried.	General Description of Tomb.	Size of Tomb.	General present Requirements.
13	99½	27th February 1849	Mrs. Mary Critchlow	. . . . .	Large Tomb, Brick-work.	7 × 5½	Requires plastering.
		15th June 1834					
16	23	5th May 1831	Elizabeth	Wife of Simon Fonceca	Do.	7 × 3½	Do.
13	80		Anne	Eldest daughter of the Reverend F. J. Darrah, M.A., Chaplain, H.E.I.C.S.	Do.	8 × 3½	Do.
		. . . .					
13	105	26th September 1821	Alfred	The son of James and Susannah Mitchell	Do.	5½ × 3¼	Do.
13	67	19th May 1834	John Hay	Lieutenant, 34th Regiment	Do.	. . .	Do.
13	87	16th January 1807	Christopher Dexter	Lieutenant, H. M.'s 63rd Regiment	Do.	6¾ × 3½	Do.
13	48	29th May 1822	George Balmain, Esq.	Madras Civil Service	Do.	15 × 15	Do.
13	68		Mrs. Hanrietta McKenzie Robson.	Wife of Captain Fellex Robson, 16th Regiment, Madras Native Infantry.	Do.	6 × 6	Do.
		27th May 1800					
13	36		James Rodgers	Major in the Hon'ble Co.'s Service and Military Auditor-General in the Island of Ceylon.	Do.	4½ × 4½	Do.
13	82	28th July 1832	Charles Francis Haleman	Son of Major Fs. Haleman	Do.	7 × 3½	Do.
13	20	1st September 1797	Mrs. Eleanor Nuthall	. . . . .	Do.	9 × 9	Do.
13	71	29th September 1824	Ann Henshaw	Wife of Lieutenant-General Thomas Bowson of Madras Army.	Do.	7¾ × 5¾	Do.
13	21	22nd July 1797	James Morris	Merchant of Madras	Do.	7 × 3½	Do.
13	60	23rd February 1816	Edd. Paulet Colebrooke	Do. do.	Do.	7 × 4¼	Do.
13	104	July 1880	Anna Henshaw	. . . . .	Do.	6 × 6	Do.
13	83	15th November 1832	Jane	Daughter of John Gray, Lieutenant, 51st Regiment.	Do.	7 × 3½	Do.
13	63	15th August 1817	James Gordon	Lieutenant, H. M.'s 25th Light Dragoons	Do.	9¾ × 6¾	Do.
13	54	30th September 1808	William Wade	Do. do. do.	High Structure	11 × 11	Do.
16	11	2nd February 1795	Mr. John Henderson	. . . . .	Brickwork	7 × 3¾	Do.
13	14	22nd March 1788	Sophia Bulman	Wife of John Bulman	Do.	8 × 4	Do.
13	61	18th March 1816	Mrs. Maria Blyth	. . . . .	Do.	8 × 4	Do.
13	103	17th September 1868	William Charles Patrick	Son of Mr. and Mrs. C. C. Sevenoaks	Do.	6 × 3½	Do.
13	75	15th May 1826	Lewis Cramer	Lieutenant, H. M.'s Ship *Rainbow*	Do.	6 × 3½	Do.
13	28	6th April 1799	John D. E. Beighling Franke	. . . . .	Do.	4½ × 2½	Do.
13	97	5th October 1842	Thomas Richard	Second son of Mr. and Mrs. W. C. Boyton	Do.	10½ × 9	Do.
13	66	14th August 1819	Jane	Wife of Edd. Ranken	Do.	6¾ × 3¾	Do.
13	99	25th August 1846	Charles Boldex	Captain, 24th Regiment, Deputy Assistant Quartermaster-General, Centre District.	Do.	6¾ × 3¾	Do.

13	52	17th May 1808	Peter Gardner	Lieutenant	Do.	7 × 3	Do.
12	75	21st September 1840	Edward Slack	Lieutenant, 13th Regiment	Do.	7 × 4	Do.
13	53	24th September 1808	John Graham	Military Cadet	Do.	8¼ × 3½	Do.
13	84	20th June 1833	Vance Young Donaldson	Infant son of Captain and Mrs. Browne, H. M.'s 57th Regiment.	Do.	7¼ × 4	Do.
12	11	3rd June 1788	Mrs. Catherine Edington		Do.	6¾ × 4¼	Do.
12	35	12th April 1810	P. L. Lambert	Lieutenant, 6th Regiment, Madras Native Infantry.	Do.	6¾ × 6¾	Do.
12	31	29th October 1808	Mary Ann Neale	Daughter of Daniel Neale and Eliza, his wife	Do.	6¼ × 6¼	Do.
12	58	8th August 1831	Æneas Macdonell Nicholson	Captain, H. M.'s 55th Regiment	Do.	7¾ × 7¾	Do.
12	81	18th April 1842	Mary Louisa	Wife of Captain R. B. Preston, 17th Regiment, Madras Native Infantry.	Brickwork, High Structure.	7 × 3½	Do.
12	43	18th March 1817	George Hay, Esq.		Brickwork	6¾ × 6¼	Do.
12	63	27th August 1832	Martha	Second daughter of Admiral Robert Montague	Do.	5¾ × 2¾	Do.
12	66	8th November 1832	Thomas Aulin	Lieutenant, 57th Regiment, Madras Native Infantry.	Do.	5 × 3½	Do.
12	62	24th July 1832	Mrs. Anne Cotton	Wife of Captain W. Cotton	Do.	3½ × 3½	Do.
12	48	28th September 1822	Arthur A. Chatfield	Ship *Daphne*	Do.	7 × 3½	Do.
12	57	13th March 1831	Elizabeth Jane	Wife of Henry William Lovewell, Esq.	Do.	6 × 6	Do.
17	47	13th June 1803	Thomas Jollie, Esquire		Do.	7½ × 3½	Do.
17	2	12th October 1767	Frances	Wife of John Grifen	Do.	6½ × 3¼	Do.
12	49	8th February 1824	Mr. Lency Carter		Do.	8¼ × 8¼	Do.
12	52	6th June 1825	Erskine	C. B., Lieutenant-Colonel, H. M.'s 48th Regiment.	Do.	4 × 4	Do.
12	32	15th July 1809	Henry Inman, Esquire	A Captain in the Royal Navy	High Structure Brickwork.	7¼ × 7¼	Do.
12	36	10th January 1857	Mr. Ben. Johnson		Do. do.	9¾ × 7¾	Do.
12	37	3rd August 1816	Joseph	Son of William and Charlotte Tapsall	Brickwork	9¼ × 7	Do.
12	26	28th November 1799	James Ferrier Connell		Do.	3¾ × 2½	Do.
12	72	23rd March 1837	Robert Frances	Captain, 1st Native Infantry Bte.	Do.	5¼ × 3	.....
12	86	21st February 1877	Philip Lateward Codd	Her Majesty's Indian Army	Polished Granite Stone	5¼ × 3	Requires plastering for basement.
12	76	20th July 1841	Walter Foster Ker	Captain, H. M.'s 9th Regiment of Foot; Brigade-Major to Her Majesty's Forces.	Brickwork	7 × 3½	Requires plastering.
12	74	31st July 1840	Caroline Jane	The younger daughter of William Dalrymple Shaw, Calcutta.	Do.	5 × 2¾	Do.
12	80	22nd January 1843	Thomas William	Son of Mr. Thomas Hogg, Apothecary	Do.	5 × 3	Do.
12	68	21st November 1833	Maria	Wife of Overseer Edward Cullin	Do.	3¼ × 3¼	Do.
12	54	6th December 1827	Mrs. Mary Anne Patterson	The wife of Sergeant John Patterson, of H. M.'s 54th Regiment.	Do.	6¼ × 6¼	Do.
12	41	20th November 1813	Robert Hughes	Captain, the 24th Regiment, Native Infantry.	Do.	7 × 3½	Do.

Half-yearly Report of certain Grave Stones, Tombs, and other Monuments in St. Mary's Cemetery, Madras, requiring repairs—continued.

Compartment No.	No. of Grave in Cemetery Register.	Date of Death.	Full Name as inscribed on Head Stone.	Rank or Regimental Profession or Calling of Person buried.	General Description of Tomb.	Size of Tomb.	General present Requirements.
12	79	21st November 1841	Martha	The wife of Captain J. S. Sherman, 13th Regiment, Native Infantry.	Brickwork	7 × 3½	Requires plastering.
12	24	30th January 1795	Mrs. E. Elizabeth Capper		Do.	9 × 4¼	Do.
12	98	No	J. A. Preston and Sophia, his sister.	Two infants	Do.	4¾ × 3¾	Do.
		16th July 1815	William Garron	Madras Civil Service	Do.	8¼ × 4¼	Do.
17	49	23rd April 1804	James Innes	Lieutenant-Colonel, Commandant of the 2nd Battalion of the 13th Regiment, Native Infantry.	Do.	8 × 3¾	Do.
12	47	21st June 1822	Haster Anna	Wife of Charles Highmore Potts, Lieutenant in H. M.'s 54th Regiment.	Do.	7½ × 7½	Do.
12	39	23rd April 1815	Susanna Finnes	Wife of John Finnes, Paymaster of H. M.'s 56th Regiment of Foot.	High Structure	10 × 10	Do.
12	9	9th October 1786	William Popham	Son of Stephen Popham, Esq.	Brickwork	8½ × 6	Do.
12	28	9th September 1801	Elizabeth	Daughter of Mr. Stanhope, Deputy Commissary	Do.	6½ × 3½	Do.
12	40	1st April 1812	Mrs. Madelonette Vanspall		Do.	8½ × 3¾	Do.
12	33	XXVII July MDCCCIX	Jane	Daughter of Captain Crawford, wife of Mr. Thomas Bistles of Madras.	Do.	5½ × 5½	Do.
11	47	1st October 1827	Mrs. Catherine O'Meara	Wife of Sergeant J. O'Meara of the Commissariat Department.	Do.	5 × 3¼	Do.
11	73	23rd April 1846	Joseph Michael	Son of Joseph and Elizabeth Rigmood	Do.	10¼ × 9¾	Do.
11	34	29th November 1817	John Richardson Verno	Colonel Commanding the 2nd Battalion, 22nd Regiment, Native Infantry.	Do.	5½ × 5½	Do.
11	59	25th August 1834	Josepha Sutherland	Infant daughter of the late John Sutherland	Do.	4½ × 2¾	Do.
11	42	5th September 1825	Mr. A. S. Ponton		Do.	7 × 3½	Do.
11	21	19th March 1810	Mrs. Sophia Eliza Oliver		Do.	5½ × 5½	Do.
11	54	21st December 1832	Mrs. Eliza Amelia Heggar	The wife of Thomas Heggar, Veterinary Surgeon of the 1st L. Cavalry.	Do.	5¾ × 3	Do.
11	11	29th October 1805	Rev. J. F. Hartwell	Bengal Establishment	Do.	4½ × 4½	Do.
11	37	1st January 1821	James S. Spankie	Captain of the Madras European Regiment	Do.	7¼ × 3½	Do.
11	44	10th October 1825	John Ford	Ensign, H. H.'s 69th Regiment of Foot	Do.	7¾ × 3¼	Do.
11	45	16th October 1826	T. M. Sinkins	Lieutenant, H. M.'s 46th Regiment of Foot	Do.	6¾ × 3½	Do.
11	40	5th March 1825	John Penn	Lieutenant, H. M.'s 69th Regiment of Foot	Do.	6½ × 3½	Do.
11	2	A.D. MDCCCIX	Paul Jodrell Milits, M.D.		Do.	8½ × 3½	Do.

11	38	15th January 1824	George Henderson, Esq.	A passenger on board the homeward bound ship *Ganges*.	Do.	8 × 6	Do.
11	12	4th February 1806	The Honorable C. Carleton	Lieutenant-Colonel	Do.	6 × 6	Do.
11	28	17th October A.D. 1813	Robert Anderson, Esq.	Master Attendant, Madras	Do.	6½ × 6½	Do.
11	41	21st August 1825	Mrs. Mary Smith	Wife of William Smith, Esq., Surgeon of H. M.'s 15th Regiment.	Do.	3½ × 3½	Do.
11	10	27th August 1805	Mr. Allen Spottiswood		Do.	8¾ × 3½	Do.
11	31	5th „ 1814	John McDonald, Esq.		Do.	9 × 9	Do.
11	20	20th February 1809	George Robert Moss		Do.	4¾ × 4¾	Do.
11	18	13th „ 1808	Mr. John Stevens		Do.	3¼ × 3¼	Do.
11	49	24th July 1828	William Parrie		Do.	3¾ × 3¾	Do.
11	69	5th November 1843	Elizabeth	Wife of Assistant Apothecary A. Lynn	Do.	3¼ × 3¼	Do.
11	27	27th July 1813	Mrs. Hellen Thoy	Wife of Robert Thoy, Sub-Assistant Surgeon of the Military Male Orphan Asylum.	Do.	8¾ × 5½	Do.
11	19	25th October 1808	Mrs. Jenny Baily		Do.	3¼ × 3¼	Do.
11	16	31st „ 1807	Richard Fleming		Do.	5 × 5½	Do.
11	32	27th „ 1814	Erasmus Saunders	Lieutenant, Adjutant of the 2nd Regiment of Native Cavalry.	Do.	7½ × 4½	Do.
11	24	23rd January 1811	Elizabeth Henrey	Daughter of Quartermaster William Henrey, H. M.'s 69th Regiment.	Do.	4¼ × 2¾	Do.
11	64	9th March 1839	Esther	Wife of Mr. Robert Carr	High Structure	12¼ × 7¾	Do.
11	86	3rd June 1859	William Ponsonby Ewing		Do.	6 × 3	Do.
11	15	25th October 1807	Mr. Michael Hughes	Conductor of Ordnance	Do.	5 × 5	Do.
10	30	25th March 1822	R. Blackie, Esq.	H. M.'s 55th Regiment	Do.	6¾ × 3¼	Do.
10	16	28th January 1814	Mr. James Doblin	Merchant	Do.	8 × 4½	Do.
10	46	6th August 1829	Mr. H. W. Lewcock		Brickwork	7 × 4	Do.
10	70	30th April 1860	Riversdale Elliot	Cornet in H. M.'s 1st (King's) Regiment of Dragoon Guards.	Do.	7 × 3½	Do.
10	60	10th June 1848	William O'Conner	Brevet-Major of the 25th Regiment (The King's Own Borderers.)	Do.	5¾ × 3¼	Do.
10	26	5th November 1820	Gilbert Briggs, Esq.	Captain, H. M.'s 89th Regiment	Do.	6½ × 3	Do.
10	38	20th September 1824	Charles Coates		Do.	6½ × 3	Do.
10	45	26th November 1828	Lieutenant A. B. Johnson Ensign W. Bristowe	Both of the 16th Regiment, Native Infantry	Do.	7 × 4	Do.
10	61	6th „ 1849	Eliza Matilda	Wife of Lieutenant A. T. Alexander, 42nd Regiment, Native Infantry.	Do.	7 × 3¾	Do.
10	19	24th October 1814	Robert	Son of George Elizabeth Arbuthnot	Do.	6 × 6	Do.
10	9	5th September 1811	Charles Foot	Captain of His Majesty's Ship *Piedmontese*	Do.	4 × 4	Do.
10	15	4th December 1812	Frederick Harris	Son of Charles and Maria Harris	Do.	3¾ × 3¾	Do.
10	20	19th December 1814	John Seton	Infant son of Colonel Alexander Macgregor Murray.	Do.	4 × 2½	Do.

Half-yearly Report of certain Grave Stones, Tombs, and other Monuments in St. Mary's Cemetery, Madras, requiring repairs —continued.

Compartment No.	No. of Grave in Cemetery Register.	Date of Death.	Full Name as inscribed on Head Stone.	Rank or Regimental Profession or Calling of Person buried.	General Description of Tomb.	Size of Tomb.	General present Requirements.
10	22	5th November 1815	William	Son of Captain Tongue, of H. M.'s 30th Regiment.	Brickwork	3¾ × 3¾	Requires plastering.
10	23	10th November 1817	John Chinnery, Esq.	H. E. I. Co.'s Civil Service	Do.	4½ × 4½	Do.
10	10	29th September 1811	William Danson	Captain of H. M.'s Ship *Piedmontese*	Do.	8 × 4	Do.
10	34	20th October 1823	Mrs. Emma Cassam	Wife of Mr. Peter Cassam	Do.	4¼ × 4¼	Do.
10	56	9th May 1845	Ellen Veda Upshon		Do.	7 × 3¾	Do.
10	17	10th May 1814	John Mair		Do.	7¼ × 7¼	Do.
10	27	11th March 1821	Robert Stevenson, Esq.		Do.	7 × 3¼	Do.
10	25	21st January 1820	Thomas Kendle Smith	Lieutenant, M. 46th Regiment	Do.	6¼ × 3¼	Do.
10	18	24th October 1814	Charles Chambers	1st Battalion, 11th Regiment, Native Infantry	Do.	6½ × 4	Do.
9	21	8th January 1816	Eliza	Infant daughter of Griffin and Jane Orton	Do.	3¾ × 3¾	Do.
9	66	18th May 1861	Mrs. Margaret Orford	Widow of Joseph Orford, Conductor of Ordnance, and eldest daughter of Mr. Edward Atkinson, Deputy Commissioner of Ordnance.	Do.	7¼ × 3¾	Do.
9	36	22nd July 1830	Mary	The wife of Conductor of Ordnance J. Orford, offspring Thomas Samuel Price.	Do.	3 × 2½	Do.
17	8	8th October 1782	Charles Wood	Captain Commander of His Majesty's Ship *Worcester*.	Do.	6¾ × 3¼	Do.
17	37	27th September 1797	George Hall	Lieutenant-Colonel	Do.	7¾ × 7¾	Do.
17	36	22nd August 1797	Andrew Ross, Esq.	One of His Majesty's Justices of the Peace for Madras.	Do.	9 × 9	Do.
17	50	3rd May 1804	Allan Grant	Captain	Do.	9 × 4¼	Do.
17	45	28th June 1802	Thomas Woodall	Major of His Majesty's 12th Regiment	Do.	11½ × 7¼	Do.
17	16	4th June MDCCLXXXVII	Honorable George McKenzie	2nd son of the Earl of Cromarty, Lieutenant-Colonel of His Majesty's 7th Regiment.	Do.	6½ × 6½	Do.
17	42	18th June 1800	Alexander Kerr		Do.	4¼ × 4¼	Do.
17	32	July 1796 and October 1797.	Alexander and William	The infant sons of Alexander Falconer and Eliza.	Do.	9½ × 9½	Do.
17	74	14th July 1860	John Taylor	The beloved husband of Mrs. Anne Taylor, who was Manager in the Office of the Commissioner of Mysore.	Do.	8½ × 8½	Do.
17	31	8th June 1796	Mrs. Grace Henderson		Do.	10 × 5¾	Do.
17	7	9th July 1782	Harriet Opton		Do.	2¼ × 1¼	Do.

17	30	17th May 1796	Alexander Foulis	. . . . .	Do.	6½ × 6½	Do.
17	55	5th November 1807	Walter Grant	Master in Equity in the Supreme Court of Judicature at Madras.	Do.	13¼ × 8	Do.
17	58	18th June 1808	Thomas Annesley Browne	. . . . .	Do.	6 × 6	Do.
17	40	10th July 1799	James Gall, Esq.	. . . . .	Do.	7½ × 3¾	Do.
17	72	30th January 1821	John Tullot	. . . . .	Do.	4 × 4	Do.
17	69	29th May 1819	John Tullot	Lieutenant of 1st Ceylon Regiment of Light Infantry.	Do.	6¼ × 3¾	Do.
17	68	30th September 1816	The Rev. Frederick White, M.A.	Trinity College, Cambridge	Do.	8½ × 5¾	Do.
17	46	28th November 1802	James West	. . . . .	Do.	8¼ × 3¾	Do.
17	56	21st December 1807	Mr. Henry Charles Gilmore	Rungporin, Bengal	Do.	8¼ × 3½	Do.
17	19	13th October 1787	Mr. Daniel Russell	. . . . .	Do.	6¼ × 3¼	Do.
17	65	4th February 1815	George Elliot	Captain, eldest son of the Right Honorable Hugh Elliot, Governor of Fort St. George.	Do.	10½ × 8	Do.
17	67	7th November 1815	P. L. Heydinger, Esq.	Private Secretary to the Right Honorable Hugh Elliot, Governor of Madras.	Do.	7½ × 4½	Do.
17	71	27th January 1820	John Bryan Pybus	Civil Service	Do.	7½ × 4	Do.
17	20	15th May 1788	Mr. Daniel Cameron	. . . . .	Do.	6¼ × 3½	Do.
17	51	30th August 1805	G. G. Richardson	. . . . .	Do.	6 × 6	Do.
17	15	5th June 1822	James Stringer, Esq.	Late of Madras	Do.	11¼ × 8	Do.
17	24	10th August 1789	George Savage, Esq.	. . . . .	Do.	8½ × 8½	Do.
		23rd January 1785	De Le Rochele	. . . . .	Do.	2 × 1	Do.
17	5	8th November 1773	Thomas Madge, Esq.	Major of the Honorable Company's Service	Do.	6 × 2¼	Do.
17	26	21st June 1791	R. Van. Meirop, Esq.	. . . . .	Do.	6 × 3¼	Do.
2	30	25th October 1829	Rev. Alexander Webster	Senior Chaplain of the Scotch Church	Do.	2¾ × 1	Do.
...	...	None	Elizabeth	Infant daughter of Rev. Alexander and Mrs. Webster.	Do.	2½ × 1	Do.
2	2	6th August 1813	Hannah Harries	Daughter of John Harries, Esq.	Do.	5½ × 5½	Do.
2	38	28th August 1835	Mr. Francis Lupton	Sub-Assistant Surgeon, H. C. S.	Do.	7 × 3½	Do.
2	12	4th December 1817	Gilbert Ricketts	. . . . .	Do.	5¾ × 5¾	Do.
2	28	27th May 1824	John Douglas White, Esq.	Member of Medical Board	Do.	7½ × 7½	Do.
...	...	1st October 1817	John Pater	Lieutenant-General	Do.	4½ × 4½	Do.
2	16	26th January 1819	Andrew McCally	Lieutenant-Colonel and Brevet-Colonel of the H. C. S. on the Madras Establishment.	Do.	6¼ × 6¼	Do.
2	45	24th June 1845	Sarah Adelade	Wife of John Edward Price	Do.	5 × 2½	Do.
2	15	27th December 1818	Doctor David Temasfield	. . . . .	Do.	7 × 3½	Do.
2	22	14th July 1820	Harriet Sophia Baines	. . . . .	Do.	4¼ × 4¼	Do.
2	17	1st February 1819	T. J. West	Lieutenant, Madras Artillery	Do.	4¼ × 4¼	Do.
2	13	20th June 1818	Eliza Williams	. . . . .	Do.	4¼ × 4¼	Do.
...	...	22nd March 1815	Austin Edmund	. . . . .	Do.	6¾ × 6¾	Do.

Half-yearly Report of certain Grave Stones, Tombs, and other Monuments in St. Mary's Cemetery, Madras, requiring repairs—concluded.

Compartment No.	No. of Grave in Cemetery Register.	Date of Death.	Full Name as inscribed on Head Stone.	Rank or Regimental Profession or Calling of Person buried.	General Description of Tomb.	Size of Tomb.	General present Requirements.
2	11	15th August 1817	Robert	Infant son of J. S. Sherman	Brickwork	3 × 3	Requires plastering.
2	24	15th June 1821	Mrs. Sarah Murray		Do.	7¼ × 4	Do.
2	34	22nd May 1833	Mr. James Fraser		Do.	7¼ × 4	Do.
2	6	10th October 1815	Major Joseph	H. M.'s 22nd Regiment	Do.	7½ × 5	Do.
2	40	11th September 1837	Juliana Mary	Daughter of M. E. C. Griffiths	Do.	7 × 4	Do.

W. LEEMING,
Garrison Chaplain, Madras.

W. H. BURTON, *Lieut.-Colonel, R.E.,*
Executive Engineer.

Chepauk, 10th December 1881.

MILITARY DEPARTMENT.

Commissariat Department.

Stores Supplies.

NOTIFICATION.

Simla, the 6th May 1882.

The following statement showing woollen and cotton cloths supplied for the use of troops through the Commissariat Department, and the approximate quantities required annually, is published for general information :—

ARTICLES.	Lower Circle.			Central Circle.			Upper Circle.			Fabric.		Total approximate quantity of fabric required annually.	Remarks.
	Probable number required.	Approximate quantity of fabric.	Average price of the circle per yard.	Probable number required.	Approximate quantity of fabric.	Average price of the circle per yard.	Probable number required.	Approximate quantity of fabric.	Average price of the circle per yard.	Kind.	Width.		
	No.	Yards.	Rs. A. P.	No.	Yards.	Rs. A. P.	No	Yards.	Rs. A. P.		Inches.	Yards.	
WOOLLEN ARTICLES FOR MEN.													
Belts, flannel	504	574	1 4 0	993	1,086	1 4 4	1,925	2,220	1 10 5	Cricket flannel ...	28	3,880	Supplied by Commissariat Department.
Caps, blue flannel, lined	36	8	1 4 0	68	15	1 14 9	207	45	0 0 6	Flannel ...	27	118	
Drawers do. of sizes	500	1,277	0 15 0	1,671	4,089	1 2 3	2,661	7,270	3 0 6	Ditto ...	27 & 29	12,636	
Vests do. do.	876	2,535	0 15 0	1.692	5,304	0 14 4	3,601	9,918	2 4 7½	Ditto ...	31	17,757	
FOR WOMEN.													
Petticoats, flannel, of sizes	82	319	1 0 0	95	328	1 14 9	289	1,195	2 10 0	Flannel ...	27	1,842	
Shifts do. do.	97	102	1 0 0	79	183	1 2 3	482	1,004	1 11 7½	Ditto ...	27 & 29	1,295	
Gowns, long, woollen, of sizes	109	328	1 12 8	57	474	2 1 2	310	932	...	Blue serge, thick	54	1,734	
FOR CHILDREN.													
Drawers, flannel, of sizes	13	24	0 15 0	56	113	1 5 8	372	884	1 13 0	Flannel ...	29	1,021	
Gowns, long, woollen, of sizes	103	362	0 15 0	52	164	0 14 4	367	1,165	1 6 10	Ditto ...	32	1,691	
Petticoats, flannel, girls', of sizes	12	28	0 15 0	56	142	1 2 5	369	1.067	1 7 7	Ditto ...	27 & 28	1,287	
Shirts, night, flannel do.	124	435	0 15 0	96	363	1 5 8	523	1,952	1 12 4½	Ditto ...	29	2,750	
COTTON ARTICLES FOR MEN.													
Drawers, cotton, of sizes	555	1,393	0 3 6	2,520	4,475	0 5 11	3,941	10,156	0 12 6	Sheeting cloth ...	32	16,024	
Shirts do. do.	1,227	3,800	0 3 6	2,407	5,704	0 5 11	4,857	13,800	0 15 5	Ditto ...	32	23,304	
FOR WOMEN.													
Gowns, night, long, calico, of sizes	138	610	0 3 6	105	457	0 5 2	466	2,136	1 11 8	Calico ...	36	3,203	
Gowns, short, do. do.	44	106	0 3 0	72	203	0 4 10	325	998	0 12 11	Ditto ...	32	1,307	
Petticoats, calico, do.	85	329	0 3 0	83	334	0 4 10	365	1,437	0 13 9	Ditto ...	32	2,100	
Shirts, cotton do.	127	350	0 3 0	130	326	0 6 9	626	1,992	0 10 6	Long cloth ...	32	3,668	
FOR CHILDREN.													
Shirts, night, cotton, of sizes	121	346	0 3 6	129	411	0 7 0	765	2,196	0 8 1	Sheeting cloth ...	36	2,953	
Gowns, long, do. do.	105	286	0 3 6	52	206	0 6 9	581	1,753	1 3 0	Long cloth ...	32	2,243	
WOOLLEN ARTICLES FOR MEN.													
Gowns, long, woollen 1st size	113	389	1 8 8	146	750	1 14 11¾	910	3,134	...	Blue serge, thick	54	4,273	Supplied by Clothing Department.
Gowns, long, woollen 2nd ,,	143	357	1 0 8	292	1,498	2 6 10	215	537	...	Flannel, grey ...	54	2,392	
Jackets, light, woollen 1st size	119	294	1 0 0	194	527	1 10 4	996	2,463	...	Blue grey flannel	54	3,283	
Jackets, light, woollen 2nd ,,	207	489	1 0 0	387	1,055	1 10 4	298	708	...	Ditto ...	54	2,252	
Trowsers, light, woollen 1st size	169	272	1 12 8	239	487	2 1 2	1,012	1.630	...	Blue serge, thick	54	2,389	
Trowsers, light, woollen 2nd ,,	211	340	1 8 8	478	974	1 14 11¾	279	297	...	Ditto thin...	54	1,611	
Trowsers, warm, woollen 1st size	138	215	1 0 0	139	347	2 3 9½	992	1,874	...	Blue grey flannel	54	2,436	
Trowsers, warm, woollen 2nd ,,	177	275	1 0 0	278	695	2 3 9½	248	344	...	Ditto ...	54	1,314	
Waistcoats, sleeved, woollen 1st size	46	87	1 8 8	4	20	1 14 11¾	948	1,475	...	Rule serge, thin	54	1,582	
Waistcoats, sleeved, woollen 2nd ,,	66	106	1 0 8	7	41	2 6 10	158	246	...	Flannel grey ...	54	393	
BARRACK BEDDING.													
Mattress	2,314	10,496	0 7 0	7,534	35,401	0 6 9	10,289	34,492	0 6 0	Duck cloth ...	38	80,389	
Pillows	2,706	2,067	0 7 0	7,734	9,706	0 6 9	10,287	5,434	0 7 1	Ditto ...	38	17,287	
Sheets	2,845	18,523	0 7 0	16,064	47,761	0 5 2	16,671	26,227	0 5 4	Sheeting ...	60	92,511	
Sutringees, 6′ × 3′, weighing 4 lbs. 8 oz.	2,048	each	2 5 1½	4,975	each	2 9 0	8,010	each	1 12 4	Cotton ...	36	15,033	No.
HOSPITAL BEDDING.													
Mattress	358	1,932	0 8 0	274	2,296	0 8 3½	1,584	3,609	0 7 1	Duck cloth ...	42	7,837	
Pillows, large	256	242	0 8 0	872	750	0 8 3¼	1,660	1,195	0 8 0	Ditto ...	42	2,187	
Do., small	281	218	0 8 0	814	654	0 8 3¼	1,561	931	0 7 11	Ditto ...	42	1,803	
Sheets	1,950	4,605	0 7 0	3,478	8,270	0 6 4	895	16,267	0 7 4	Sheeting ...	60	29,142	
Pillow covers, large	681	842	0 3 0	2,509	2,060	0 7 0	...	...	...	Ditto grey ...	38	2,902	
Ditto, small	681	544	0 3 0	2,537	2,100	0 7 0	...	...	...	Do. do. ...	38	3,081	
MISCELLANEOUS.													
Cloth dosooty, for bandages for veterinary purposes	...	104	0 2 8	...	239	0 2 9	...	157	0 3 5	Dosooty ...	24	500	
Flannel, country, for ditto	...	84	0 8 0	...	728	0 7 11	...	1,841	0 6 1	Flannel ...	21	2,653	
			yard.			yard.			yard	Dosooty ...	27	6,180	No.
Duster, cloth, for ditto	64	...	0 3 6	107	...	0 1 0	6,009	...	0 3 3	Guzzee cloth ...	36	394	
Guzzee cloth	...	105	0 3 6	...	253	0 3 10	...	36	0 1 3	Longcloth ...	36	5,812	
Long cloth, fine, for plaster	...	1,220	0 4 3	...	2,468	0 4 5	...	2,124	0 4 4	Muslin ...	36	2,715	
Cloth, muslin	...	1,037	0 4 2	...	1,098	0 3 3	...	580	0 3 9	Nainsook ...	36	6,224	
Do. nainsook for dressing	...	1,506	0 4 9	...	3,526	0 4 0	...	1,192	0 4 3	Sheeting ...	24	10,239	
Do. sheeting for do.	...	2,054	0 4 9	...	4.181	0 3 8	...	4,004	0 3 10	Dosooty ...	24	2,469	
Do. doosooty sheet for ice	...	332	0 3 0	...	1,636	0 3 0	...	501	0 5 9	Ditto ...	24	7,945	
Do. do. cleaning barrack lamps	...	1,043	0 2 6	...	5,183	0 1 10½	...	1,719	0 2 0				
Flannel, Europe	...	790	0 15 9	...	1,340	0 11 2	...	288	0 12 0	Flannel ...	21	2,418	
Sheets, doosooty, for McNamara filters	...	158	0 3 0	...	1,036	0 3 0	...	495	0 2 0	Dosooty ...	24	1,689	
Flannel bags for tea and coffee pots	...	155	0 4 0	...	321	0 11 2	...	251	0 10 6	Flannel ...	27	727	

	* Rate.	No. required annually.
Blankets, brown, 7′ 6″ × 5′, weighing 4 lbs. 12 oz., for European troops in barracks, each	2 10 9	19,000
Blankets, brown, 7′ × 4′ (when doubled) weighing 8 lbs., for Hospitals of Native troops, each	3 8 0	125
Blankets, thick, black, 7′ × 7′, weighing 8 lbs., for Horses, each	3 8 0	3,750
Ditto brown, 7′ × 5½ weighing 4 lbs., for Horses extra, each	1 12 0	2,500
Ditto black, 6′ × 6′ weighing 8 lbs. for Yaboos, Ponies and Ordnance and Baggage Mules, each	2 10 0	1,000
Ditto black, 5½′ × 5½′ weighing 5 lbs. for ditto each	2 3 0	175
Ditto black, 5′ × 5′ weighing 4½ lbs. for ditto each	1 15 6	25
Blankets, white, weighing, 5 lbs., for Hospitals of European troops, a large stock in hand.		

* Contract rates with Cawnpore Woollen Mills Company.

T. DEANE, *Major*,
Assistant Secretary to the Government of India.

ACCOUNTANT GENERAL'S OFFICE.

Public Works Department.

NOTIFICATION.

Statement of the Monthly Accounts of the several Branches of the Public Works Department received in the Office of the Accountant General, Public Works Department, up to the 1st May 1882.

PUBLIC WORKS (BUILDINGS AND ROADS AND MILITARY WORKS BRANCH) AND TELEGRAPH.

Order of receipt.	Accounting Offices.	Last month for which received.	Date of receipt.
1	Punjab	Feb. 1882	Apl. 12, 1882
2	Coorg	Do. „	Do. 17, „
	Port Blair		
	Assam		
	Mysore		
6	Military Works ...	Do. „	Do. 21, „
7	Rajputana	Do. „	Do. 24, „
	Beluchistan Agency ...		
9	Bengal	Do. „	Do. 25, „
	Central India... ...		
11	Madras	Do. „	Do. 26, „
	Bombay		
	Hyderabad (Imperial) ...		
	Hyderabad (Assigned Districts).		
15	North-Western Provinces and Oudh.	Jan. „	Mar. 27, „
16	Central Provinces ...	Do. „	Do. 30, „
17	British Burmah ...	Do. „	Apl. 3, „

TELEGRAPH.

Order of receipt.	Accounting Offices.	Last month for which received.	Date of receipt.
1	Indo-European ...	Feb. 1882	Apl. 20, 1882
2	Indian	Do. „	Do. 24, „

IRRIGATION.

Order of receipt.	Accounting Offices.	Last month for which received.	Date of receipt.
1	Assam	Feb. 1882	Apl. 12, 1882
2	Punjab	Do. „	Do. 17, „
3	Rajputana	Do. „	Do. 24, „
	Bengal		
5	Bombay	Do. „	Do. 26, „
6	Madras	Do. „	Do. 28, „
	British Burmah ...		

GUARANTEED RAILWAYS.

Order of receipt.	Accounting Offices.	Last month for which received.	Date of receipt.
1	Punjab	Feb. 1882	Apl. 13, 1882
2	Bengal	Do. „	Do. 22, „
3	Bombay	Do. „	Do. 26, „
4	Madras	Jan. „	Mar. 27, „
	North-Western Provinces and Oudh.		

STATE RAILWAYS (CAPITAL).

Order of receipt.	Accounting Offices.	Last month for which received.	Date of receipt.
1	Umballa & Kalka ..	Mar. 1882	Apl. 29, 1882
2	Umritsar and Pathancote	Feb. „	Mar. 31, „
3	Amraoti	Do. „	Apl. 11, „
	Khamgaon		
	Nalhati		
5	State Railway Stores Branch.	Do. „	Do. 15, „
7	Wardah Coal	Do. „	Do. 20, „
8	Patna & Gya ...	Do. „	Do. 22, „
	Dhond & Manmad ...		
10	Bhopal	Do. „	Do. 24, „
	Sindia		
	Holkar		
	Nagpur-Chhattisgarh ...		
	Kandahar (Lower Sec.) ...		
	Rewari-Ferozepore ...		
	Bhavnagar & Gondal ...		
17	Calcutta & South-Eastern	Do. „	Do. 25, „
	Northern Bengal ...		
	Tirhoot		
	Indore-Nasirabad ...		
	Indus Valley		
	Southern Mahratta Country.		
23	Nizam's	Do. „	Do. 27, „
24	Calcutta & South-Eastern Extension.	Do. „	Do. 28, „
	Rangoon and Irrawaddy Valley.		
	Punjab Northern ...		
	Rawalpindi & Murree ...		
28	Kandahar (Upper Sec.) ...	Jan. „	Mar. 27, „
	Central Bengal ...		
30	Rajputana	Do. „	Apl. 5, „
31	Rangoon & Sittang Valley	Do. „	Do. 15, „
	Patna & Bahraich ...		
33	Ghazipore-Dildarnagar ...	Do. „	Do. 17, „
	Bareilly-Pilibhit ...		
	Bhowpore-Kalpi ...		
	Bundlekund Survey ...		
	Sitapur-Pilibhit ...		
38	Muttra-Hathras ...	Do. „	Do. 18, „
	Cawnpore-Farukhabad Extension		
	Achneyra-Muttra ...		
41	Cawnpore-Farukhabad ...	Do. „	Do. 19, „
42	East Indian	Dec. 1881	Do. 11, „

STATE RAILWAYS (REVENUE).

Order of receipt.	Accounting Offices.	Last month for which received.	Date of receipt.
1	Nagpur-Chhattisgarh ...	Feb. 1882	Apl. 20, 1882
2	Patna & Gya ...	Do. „	Do. 22, „
	Nalhati		
4	Tirhoot	Do. „	Do. 24, „
	Wardah Coal		
6	Calcutta & South-Eastern	Do. „	Do. 25, „
	Northern Bengal ...		
	Indus Valley		
	Bhavnagar & Gondal ...		
10	Nizam's	Do. „	Do. 27, „
11	Rangoon and Irrawaddy Valley.	Do. „	Do. 28, „
12	Punjab Northern ...	Do. „	Do. 29, „
13	Dhond and Manmad ...	Jan. „	Mar. 27, „
14	Rajputana	Do. „	Apl. 17, „
	Ghazipore-Dildarnagar ...		
16	Muttra-Hathras ...	Do. „	Do. 18, „
17	Cawnpore-Farukhabad ..	Do. „	Do. 19, „
18	Holkar & Sindia-Neemuch	Dec. 1881	Mar. 27, „
19	East Indian	Do. „	Apl. 11, „
20	Sindia	Do. „	Do. 13, „

Simla, the 9th May 1882.

A. FILGATE, *Lieut.-Col., R.E.,*
Accountant General, P. W. Dept.

STATEMENT of Government Promissory Notes enfaced for payment of Interest in London, under deduction of amount re-transferred to India, and outstanding in the Books of the Bank of Bengal on the 15th May 1882.

PARTICULARS.	3½ PER CENT. TRANSFER LOAN OF 1853-54.	4 PER CENT. LOANS										4½ PER CENT. LOANS				TRANSFER LOAN OF 1879, SEVEN SHILLINGS PER CENT. PORTION.	5 PER CENT. DEBENTURE LOAN OF 1867-68.	5 PER CENT. LOAN OF 1856-57.	GRAND TOTAL.
		Of 1824-25.	Of 1828-29.	Of 1832-33.	Of 1835-36.	Of 1842-43.	Of 1854-55.	Transfer of 1865.	Reduced 4 per cent. Loan of 1879.	Reduced 4 per cent. Loan of 1881.	TOTAL.	Of 1870.	Of 1878.	TRANSFER LOAN OF 1879, 4½ PER CENT. PORTION.	TOTAL.				
Balance of 30th April 1882 . . .	54,100	13,333	1,066	13,71,413	31,51,100	2,29,91,000	1,04,51,700	2,89,27,237	2,91,67,400	35,500	9,61,09,749	47,59,400	1,00,17,300	9,89,01,100	11,36,77,800	1,11,500	32,98,000	60,200	21,33,11,349
Add—																			
Amount enfaced at Madras between 1st and 15th May 1882 . . .	...	...	...	...	...	11,800	...	...	...	...	11,800	...	10,000	1,05,000	1,15,000	...	...	...	1,26,800
Amount enfaced at Bombay between 1st and 15th May 1882 . . .	...	...	...	...	7,400	34,100	52,000	43,300	29,500	...	1,66,300	...	1,000	8,000	9,000	...	...	...	1,75,300
Amount enfaced at Calcutta between 1st and 15th May 1882 . . .	...	...	...	...	2,000	3,91,900	4,000	90,200	1,14,100	...	6,02,200	7,000	10,500	2,70,000	2,87,500	...	...	...	8,89,700
	54,100	13,333	1,066	13,71,413	31,60,500	2,34,28,800	1,05,07,700	2,90,60,737	2,93,11,000	35,500	9,68,90,049	47,66,400	1,00,38,800	9,92,84,100	11,40,89,300	1,11,500	32,98,000	60,200	21,45,03,149
Deduct—																			
Amount written off in the London Registers	...	..	...	21,440	2,000	2,37,500	1,500	5,92,000	1,39,500	3,000	9,96,940	1,600	80,000	4,35,000	5,16,600	...	...	...	15,13,540
Balance on 15th May 1882 . . .	54,100	13,333	1,066	13,49,973	31,58,500	2,31,91,300	1,05,06,200	2,84,68,737	2,91,71,500	32,500	9,58,93,109	47,64,800	99,58,800	9,88,49,100	11,35,72,700	1,11,500	32,98,000	60,200	21,29,89,609

NOTE.—From 9th June 1867 to 15th Mar. 1882, enfaced from India 4,538 lakhs; re-transferred from London, 3,736 lakhs.

„ 16th Mar. 1882 to 31st	„	„	„	11 „	„	18 „
„ 1st April „ to 15th April	„	„	„	7 „	„	16 „
„ 16th „ „ to 30th	„	„	„	10 „	„	14 „
„ 1st May „ to 15th May	„	„	„	11 „	„	15 „
				4,577 lakhs.		3,799 lakhs.
				3,799 „		
Balance against India				778 lakhs.		

PUBLIC DEBT OFFICE,
BANK OF BENGAL;
Calcutta, the 17th May 1882.

W. D. CRUICKSHANK,
Offg. Secretary and Treasurer.

Statement of the Affairs of the Bank of Bengal for the week ending 16th May 1882.

LIABILITIES.	Rs.	A.	P.
Capital paid-up	2,00,00,000	0	0
Reserve Fund	30,11,916	4	4
Public Deposits at Head Office (Rs. 1,10,64,712 6 8)	2,25,42,733	6	4
Public Deposits at Branches (Rs. 1,14,78,020 15 8)			
Other Deposits at Head Office and Branches	2,35,17,463	12	4
Bank Post Bills, &c.	3,64,734	1	4
Sundries	15,06,930	0	5
RUPEES	7,09,43,777	8	9

ASSETS.	Rs	A.	P.
Government Securities	74,28,767	13	0
Other authorized Investments	44,56,355	0	0
Loans on Government and other authorized Securities	75,79,832	10	10
Accounts of Credit on Government and other authorized Securities	79,73,931	7	5
Bills discounted and purchased	2,12,93,131	9	9
Balances with other Banks	7,36,808	13	8
Bullion	6,32,587	15	8
Dead Stock	12,04,204	10	11
Stamps	9,831	5	0
Sundries	3,82,257	14	8
	5,16,97,709	4	11
Cash and Currency Notes at Head Office (Rs. 77,92,739 10 1)	1,92,46,068	3	10
Cash and Currency Notes at Branches (Rs. 1,14,53,328 9 9)			
RUPEES	7,09,43,777	8	9

By order of the Directors.

BANK OF BENGAL,
Calcutta, 18th May 1882.

J. GORDON,
Chief Acctt. & Depy. Secretary.

W. D. CRUICKSHANK,
Offg. Secy. & Treasurer.

Weekly Statement of Silver tendered, of Certificates issued, and Silver Balance in the Mint.

DATE.	SILVER TENDERED, ESTIMATED VALUE.	CERTIFICATES ISSUED ON		BALANCE OF BULLION		
		General Treasury.	Currency Department.	Under Assay.	Assayed.	Held on account of the Currency Department.
1882.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
May 8	...	...	...	8,93,440	72,90,999	32,43,124
" 9	...	...	...	8,93,440	72,65,986	32,43,124
" 10	...	...	...	8,93,440	74,42,181	32,43,124
" 11	...	...	1,67,125	7,36,555	79,89,831	34,00,009
" 12	...	...	3,46,901	4,10,737	85,28,763	37,25,827
" 13	...	...	3,25,233	94,838	87,99,307	40,31,254

CALCUTTA MINT,
The 15th May 1882.

J. F. TENNANT, *Col., R.E.,*
Mint Master.

CURRENCY NOTES.

The following Currency Notes of the Government of India are stated to have been lost, and payment of their value has been claimed by the persons whose names are placed against the numbers. Any other person having these Notes in his possession, or claiming a right to them, is warned to communicate at once with the undersigned :—

Calcutta Circle.

NOTES WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Notes.	Value.	Name of Claimant.
		Rs.	
33	O 65—53951	50	Bisson Dyal Hurdyal.
34	O 65—63332	50	Loharam Siroratna.
35	O 65—34634	50	Abdar Rahman.
36	O 97—25250	100	The Deputy Postmaster General, Dacca.
37	O 89—85934	1,000	The Deputy Postmaster General, Oudh.
	O 97—46304	100	
	O 67—03908	100	
	O 97—33904	100	
38	P 10—14652	100	Sujadul Huq.
	O 97—97930	100	

CALCUTTA,
The 19th May 1882.

J. TAYLOR,
Asst. Comptlr. Genl., Paper Currency.

Lahore Circle.

NOTE WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Note.	Value.	Name of Claimant.
		Rs.	
3	N 5—16842	100	Bukhtawer Sing, Commissariat Office, care of Ghamandi Mal, Umballa Cantonment.

LAHORE,
The 6th May 1882.

W. H. EGERTON,
for *Depy. Commr. of Paper Currency.*

Madras Circle.

NOTE WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Note.	Value.	Name of Claimant.
		Rs.	
4	B 65—08711	50	Venkataragava Chetti, Sub-Post Master, Tirukoilur.

FORT SAINT GEORGE,
The 8th May 1882.

H. S. GROVES,
Assistant Accountant General, in charge of Paper Currency Dept.,
for *Commissioner.*

POST OFFICE.

NOTIFICATIONS.

Simla, the 24th April 1882.

Commencing with the steamers leaving—

London	May 24
Brindisi	June 5
Calcutta	June 17
Madras	June 20
Bombay	June 16
Sydney	May 31
Shanghai	June 3

the vessels of the Peninsular and Oriental Steam Navigation Company touching at Ceylon will substitute Colombo for Galle as a port of call.

2. The general arrangements for the despatch of mails to Ceylon by P. and O. Steamer will not be affected by this change.

L. G. WAIT,

Asst. Dir. Genl. of the Post Office of India, Foreign Post Branch.

The 11th May 1882.

No. 1438.—Appointments in the Post Office Department made by the Director General of the Post Office of India :—

POSTAL CIRCLE, BEHAR.

Mr. A. Ammon is appointed to officiate as a Superintendent of the 4th Grade.

Mr. S. LeM. Lord, a Superintendent of the 3rd Grade, is transferred to Behar, and is appointed to be an Examiner of Head Office Accounts.

POSTAL CIRCLE, BRITISH BURMAH.

Mr. M. E. Monks is appointed to be an Examiner of Head Office Accounts.

POSTAL CIRCLE, BOMBAY.

Mr. Narayan Chimnajee is appointed to officiate as a Superintendent of the 2nd Grade.

E. R. DOUGLAS,

Depy. Dir. Genl. of the Post Office of India.

Calcutta, the 19th May 1882.

SEA AND FOREIGN MAILS.

For	Box closes at	Date.	Per Steamer
		1882.	
Persian Gulf	7 P. M.	26th May	From Bombay.
Madras, Ceylon and the Intermediate Ports	7 "	25th "	Str. *Kerbela.*
Persian Gulf	7 "	30th "	From Bombay.
Foreign Mails *viâ* Bombay	7 "	23rd "	From Bombay.*
Do. Book Post and Pattern Packets	7 "	22nd "	From Bombay.
Rangoon, Moulmein, and Straits	7 "	25th "	Str. *Pemba*
Foreign Mails *viâ* Bombay	7 "	27th "	From Bombay.†
Do. Book Post and Pattern Packets	7 "	26th "	From Bombay.
Chittagong, Akyab, Kyouk Phyoo, and Rangoon	7 "	25th "	Str. *Commilla.*
Madras, Ceylon, Batavia, Singapore and China	7 "	24th "	French Str. *Tibre.*

* Also for Cape Town and Natal *viâ* England; also *viâ* Aden for Zanzibar, Mozambique, Quilimane, Inhambane and Delagoa Bay, can be forwarded by this opportunity.

† Also for Cape Town and Natal *viâ* England; also *viâ* Aden for Mauritius, Mahe (Seychelles) Mayotte, Nossi Be and Reunion can be forwarded by this opportunity.

N.B.—The Letter Box will close at 7 P. M. precisely; after which hour foreign letters, fully prepaid and bearing an extra postage stamp of four (4) annas on each cover, will be received up to 7-30 P. M.

List of Unclaimed Letters lying in the Calcutta Post Office on the 14th May 1882.

Arbuthnot, E. T.
Arson, C.
Atkinson, A.
Badgley, Lt. J. M. T.
Baldwin, Capt. J. H.
Barnard, E.
Bastien, W. E.
Berkeley, W.
Boswell, W. L.
Cazalas, L.
Critsch, F. J.
Curry, W. T.
Debois, Madame.
Evans, T.
Ganad, W.
Gilli, J B.
Greetham, R. T.
Hawley, H.
Hawkes, G. W.
Jefferson, L.
Jones, A. J.
Kelnab, G. F.
Lloyd, J.
Morris, G.
O'Neill, Miss R.
Poulson, E.
Richards, A.
Scott, E. C.
Smith, Mrs. F.
Swift, Miss C.
Taylor, J. G.
Tritsh, F.
White, W. M.
Wilson, H.

Letters marked "Care of Post Office, to be kept till called for."

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Antonio, D.
Beamki, Sijnore G. P.
Berenvetz, Abraham.
Berrill, G. F.
Bockman, C.
C. B. A.
C. B. & Co.
Cahill, James.
Carter, R. G.
Chesney, Captain D.
Cohen, E.
Cooper, Frank
Crosswell, J. W.
Croghan, W. J.
Cumine, Miss.
Curle, R. B.
Dadds, F. L.
Dexter, J. B.
Driscoll, D. O.
Dun, E. W.
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Fergusson, Major.
Fitch, R. A.
Gheenburge, M. M.
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Gordon, Miss E.
Gunther, J.
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Hansen, W. T.
Hart, M. D.
Harry, Thomas.
Hearne, T.
Howard, W.
Jacky, Monsieur R.
Jones, H. R.
Jones, Thos.
Jox, Henry.
Kanai Lall Seal.
Kegel, F. G M.
Kendall, Miss Sophia.
Kennedy, R. H.
Kennet, C A.
Lambert, Dr. E.
Lynam, J.
Macnab, Henry.
Maitland, T.
Malabari, B. M.
Manager, Central Bengal Medical Hall.
Mason, —.
Massy, J.
Maston, B.
McVey, Hugh.
Mercer, C. G.
Michie, A
Molla, M. W.
Munro, W.
Nazir, C S.
Norton, J. B.
Orinstein, Signiori Scapria.
Palmer, Mrs. E.
Penning, P. D.
Pinglay, A. B.
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Strongs, W. S.
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Stuart, William.
Thornhill, H B.
Thomas, W H.
Vincent, J.
Warnier, M.
Watts, G.
Williams, John.
Wilson, Mrs. C M.
W J H.
Wright, Mrs. H.
X. Y. Z.

Registered Letters.

"E. D."
Howard, E.
Patton, J. R. T.
Rickie, Alex. S.
Stewart, C. H.
Thomas & Co., E. H. C.
Williams, John.
Wilson, B.

E. HUTTON,

Presidency Post Master.

NOTICE.

Waste Lands available for Planters in the Tavoy District.

Waste lands, covered at present with forest, bamboos or grass, are available for plantations of coffee, tea, cinchona, or spices at altitudes varying from 100 feet to 6,800 feet above the sea in the Tavoy district. This region is between the 13th and 14th parallels of north latitude, and the rainfall ranges from 190 to 220 inches a year. The lands are mostly within 30 to 50 miles of the steamer station of Thayetchoung on the Tavoy river. Mail steamers ply between Thayetchoung and Moulmein or Rangoon once a week inwards and outwards.

II.—Grants of land in lots ranging from 100 to 1,200 acres can be had for planting tea, coffee, cinchona, or spices on application to the Deputy Commissioner of Tavoy. Such grants will be made in accordance with the "Burma Land and Revenue Act, 1876," and with the rules sanctioned thereunder by the Governor General of India in Council. Copies of the Act and rules can be obtained by intending planters on application to the Deputy Commissioner of Tavoy, the Commissioner of Tenasserim at Moulmein, or the Secretariat, Rangoon.

III.—In addition to the concessions and conditions laid down in the Act and rules, the following special concessions will be made to persons taking up land for plantations of coffee, tea, cinchona, or spices in Tavoy, namely,—

(1) A grantee must bring under cultivation one-third of his grant within 12 years from the date of his obtaining the grant. If, after the expiration of 12 years, any surplus uncultivated land, in excess of two acres of waste for each acre of cultivated land, shall remain on the grant, such surplus waste shall then revert to Government; and the grantee shall have no further claim or right in the surplus which has so reverted.

(2) A grantee will not be liable to pay any land revenue or any price for the land of his grant until the end of the tenth year after he enters on possession, provided that he takes *bonâ fide* steps to cultivate a reasonable proportion of the grant with coffee, tea, cinchona, or spices. In the event of any grantee desiring a more precise definition of a "reasonable proportion," the Chief Commissioner may decide beforehand in each case what proportion of the grant ought to be thus cultivated in each year.

(3) After the end of the tenth year the grantee will be liable to pay land revenue at the rate of Rs. 1-4-0 per acre and cesses at the rate of two annas per acre on one-third of his grant up to the year 1900 A. D.; after the expiration of such year he will be liable to pay for one-third of his grant the same revenue rate as is paid for garden lands in the nearest revenue circle where a garden rate obtains.

(4) A grantee will not be called upon to pay anything for timber, bamboos, or grass which he may cut upon his grant, provided he takes *bonâ fide* steps as aforesaid to cultivate coffee, tea, cinchona, or spices.

IV.—The only payment which a grantee will have to make on receiving his grant will be eight annas an acre for the cost of survey and demarcation. In consideration of such payment the Deputy Commissioner will cause a survey to be made of the grant, will furnish the grantee with a copy of such survey, and will cause boundary marks to be erected at suitable points in the outer boundary of the grant.

V.—The wishes of applicants will be met as far as possible in regard to the situation and shape of their grants. But ordinarily—

(*a*) no grant will be given where the Forest Department intend to make a forest reserve;

(*b*) no grant will be given on such a place as will unduly circumscribe the extension of cultivation of the grazing grounds of any neighbouring village or hamlet;

(*c*) grants facing a road or navigable stream will have to be of a depth double the length facing such road or navigable stream;

(*d*) small strips will be reserved leading to landing places for the benefit of neighbouring villages and grantees.

VI.—The Government is now spending much larger sums than heretofore on roads in the Tavoy district. If planters settle in the district, further funds will be allotted for roads from their neighbourhood to the steamer station at either Tavoy or Thayetchoung.

VII.—In order to encourage pioneers in the coffee and cinchona enterprise in Tavoy, the Government will pay to the first four grantees who begin *bonâ fide* planting operations Rs. 15 per head for every Indian or Chinese coolie, male or female, over 16 years of age, who may be settled and housed on their plantations before the 1st March 1885.

VIII.—In any case of doubt regarding the *bonâ fide* character of operations for the purposes of concessions III and VII, the Deputy Commissioner will decide, and his decision will be subject to appeal to the Commissioner of Tenasserim, whose decision will be final.

IX.—All minerals and metals under and within the lands granted under these rules are reserved by Government, together with a right to enter upon and resume such portion of land as may be necessary for examining or working mines upon payment of just compensation to the grantee for loss of, or injury done to, the surface.

G. D. BURGESS,
Secy. to the Chief Commr., British Burma.

The 6th April 1882.

NOTICE.

Information is hereby given that the Government Currency Note No. P11—03439, for Rs. 500, is lying unclaimed at this Office. Any person claiming to be the owner of the said Note is requested to produce evidence in support of the claim on or before the 30th of September 1882.

J. SCOBELL ARMSTRONG,
Officiating Magistrate, Howrah.

GOVERNMENT CINCHONA FEBRIFUGE.

This preparation is an efficient substitute for Quinine and can be purchased by Government officers for public and charitable purposes, and by any one taking *twenty pounds* at a time, from the Superintendent, Botanical Garden, Calcutta, *for cash only*, at the following rates:—per four ounce tin, *Rs. 4-8*; per eight ounce tin, *Rs. 8-8*; per pound tin, *Rs. 16-8*. The general public can be supplied by the Superintendent, Botanical Garden, *for cash only*, at the under-noted rates:—per four ounce tin *Rs. 5-8*; per eight ounce tin *Rs. 10-8*; per pound tin, *Rs. 20*. This medicine is also sold by the principal European and Native druggists in Calcutta. Postage 8 annas per four and eight ounce tins, and 12 annas per pound tin, in addition to the foregoing rates.

گورنمنٹ سنکونا فبري فيوج

يهه دوا كوئينائين كا خوب قائم مقام هى اور كلكته كے بوٹانكل گارڈن يعنے كمپني باغ كے سپرنٹنڈنٹ صاحب سے هرايك ملازم سركاري واسطے سركاري كام اور خيرات كے اور سيواے اوسكے جو كوئي ايك مشت بيس پوندّ خريد ليے سے بقيمت نقد حسب نرخ ذيل خريد كرسكتے هين يعنے نرخ چار اونس كے ٹين كا چار روپيه آٹهه آنه ; آٹهه اونس كے ٹين كا آٹهه روپيه يهه آنه ; ايك پوندّ كے ٹين كا سوله روپيه آٹهه آنه

اور عوام الناس بوٹانكل گارڈن يعنے كمپني باغ كے سپرنٹنڈنٹ صاحب سے بقيمت نقد حسب نرخ ذيل خريد كرسكتے هين يعنے نرخ چار اونس ٹين كا پانچ روپيه آٹهه آنه ; آٹهه اونس كے ٹين كا دس روپيه آٹهه آنه ; ايك پوندّ كے ٹين كا بيس روپيه

یہہ دوا کلکتہ کے بڑے بڑے ولایتی اور دیسی دواخانوںمین بکتی ہی ماسیواے قیمت مذکورۂ بالا کے محصول ڈاک چار اور آٹھہ اونس کے ٹین کا آٹھہ آنہ ; اور ایک رتل کے ٹین کا بارہ آنہ

Meteorological Publications for Sale.

The following publications of the Meteorological Office of the Government of India are on sale and can be procured at the Meteorological Office, No. 4, Middleton Row, or either at Messrs. Thacker, Spink & Co., or at Messrs. Brown & Co., at the prices noted against them :—

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HENRY F. BLANFORD,
Meteorological Reporter to Government of India.

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Charts, &c., issued at the Marine Survey Department, Calcutta, by order of the Government of India, and sold at the Office of the Marine Survey Department, 4-4 Loudon's Buildings, Hastings Street, Calcutta, where Admiralty Charts can also be obtained.

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Catalogue of Original and other documents deposited in the Marine Survey Department, 1881 *Not for sale.*

Hydrographic Notices—

No. 1. Rangoon River. *Annas 4.*
„ 2. Cancelled; superseded by Notice No. 8. *Annas 4.*
„ 3 Cancelled; superseded by Notice No. 18. *Annas 4.*
„ 4 Cancelled; superseded by Notice No. 23. *Annas 4.*
„ 5 Kyouk Phyou Harbour. *Annas 4.*
„ 6 Salween (Maulmain) River. *Annas 4.*
„ 7. Approaches to Point de Galle Harbour. *Annas 4.*
„ 8. Mergui Archipelago. Pages 7 to 10 of this Notice superseded by Notice No. 18. *Annas 4.*
„ 9. Indus Banks and Kurrachee. *Annas 4.*
„ 10. Pámban (Paumben) Pass. *Annas 4.*
„ 11. Andaman Islands. *Annas 4.*
„ 12. Jiddah Harbour, Red Sea. *Annas 4.*
„ 13. Red Sea. Navigation, inshore Passages, 1878. *Annas 4.*
„ 14. Red Sea, 1878. *Annas 4.*
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„ 20. India, West Coast, the coast from Kundari Island to Chaul, and the harbours of Dabhol and Jaygad. *Annas 4.*
„ 21. Arabian Coast, Rás Matbakh, 1880. *Annas 4.*
„ 22. Red Sea. Notes from various sources, 1880. *Annas 4*
„ 23. Coast of Orissa. False Point Harbour and Approaches. *Annas 4.*
„ 24. India, West Coast, Harbours of Karwar and Bankot. *Annas 4.*
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„ 26. Red Sea. Notes from various sources, 1880, 1881. *Annas 4.*

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„ 2. Malwan Rock, Malwan.
„ 3. Fixed white Light at Dwarka, Kattywar.
„ 4. Mooram Shulli Tivo Island, and Devil's Point, Gulf of Manaar.
„ 5. (1) Fixed Light at Vizagapatam.
(2) Coral Shoal of Caltura, Ceylon.
(3) Rock off Barberyn Island.
„ 6. Foundering of the Buoy Vessel *Mata Mata*, Rangoon.
„ 7. (1) Revolving Light near Acheen Head, Malacca Strait.
(2) Auxiliary Light to above.

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No. 1. Temporary discontinuance of Hope Island Light during repairs to Light-house column. Coromandel Coast.
„ 2. Exhibition of Hope Island Light, Coromandel Coast.
„ 3. Prohibited anchorage near the British Indian Submarine Telegraph Cable, Madras.
„ 4. (1) Pulo Brasse auxiliary Light, Malacca Strait.
(2) Island between Pulo Nias and Sumatra.
„ 5. Vessels trading to Réunion, Indian Ocean.
„ 6. Replacement of the Buoy on the western edge of Dolphin Shoal, Chittagong Coast.
„ 7. China Bakeer Light, Martaban Gulf.
(2) Intended exhibition of Light on the Oyster Reef, Akyab.
„ 8. Fixed white Light at Verawal.
„ 9. Buoyage of Kyouk Phyou, British Burma.
„ 10. Fixed white Light at Bet or Beyt (Gulf of Cutch) Kattywar.
„ 11. Fixed white Light at Porbandar, Kattywar.
„ 12. (1) Displacement of the Buoy in Narakel Roadstead, Cochin.
(2) Buoy marking the Smooth-water anchorage to the southward of Alipee (Aulapolay), Travancore.
„ 13. (1) Intended Light on Pulo Pisang, Malacca Strait.
(2) Sunken reef in Siberoet Strait, Sumatra, West Coast.

No. 14. Deposit of stone mound at the end of the breakwater, Colombo, Ceylon.
„ 15. Period of exhibition of the *blue* Light during the South-west monsoon, from the Eastern Channel Light-vessel at the entrance to River Hooghly.
„ 16. Rock near west end of Pulo Brasso.
„ 17. (1) Beacon on two fathom patch off Batticaloa Road, Ceylon.
(2) Suspension of Light at Vizagapatam.
„ 18. Directions for Kurrachee Harbour.
„ 19. Beacon on two fathom patch off Batticaloa Road, Ceylon.
„ 20. Fixed Light at Calingapatam Point, Coromandel Coast.

Notices to Mariners issued during the year 1877—

No. 1. Alteration in Manora Point Light, Kurrachee.
„ 2. Dangers at Goa and Marmagao Roadstead.
„ 3. Existence of rocky patches, Beypore.
„ 4. Pooree Port limits. Orissa Coast.
„ 5. Extension of the Hajamri Mouth of the River Indus.
„ 6. Red Lights at Port Victoria, Mahé, Seychelles.
„ 7. Light at Port Berbereh. Gulf of Aden.
„ 8. Rock off Hingie Island, Bassein River.
„ 9. Rock off Pegu Coast.
„ 10. Coral Patch near Sultan Shoal, Singapore Strait.
„ 11. "Intermediate" Light-ship, entrance to River Hooghly.
„ 12. Position of Cochin Light-house.
„ 13. Position of Raleigh Rock, and additional beacons, Bombay.
„ 14. Buoy, marking Gindurah Rock, Galle.
„ 15. Alteration in Manora Point Light, Kurrachee; and discovery of a bank near Towak Island, Red Sea.
„ 16. Dangerous rocks in Forrest Strait, Mergui Archipelago and Richelieu Rock off Kopah Inlet.
„ 17. Alteration in position of "Intermediate" Light-ship, entrance to River Hooghly.
„ 18. Destruction of the Krishna Shoal Light house.
19. Correct position of Santipilly Light house.
„ 20. Anchorage Buoys in Madras Roadstead.
„ 21. Light-vessel near Krishna Shoal, Burma.
„ 22. Additional information, Krishna Shoal Light-vessel and Light at Pooree.
„ 23. Alteration of position of Chittagong Lights.
„ 24. Night Signals shown by British Pilot Vessels in the English Channel.

Notices to Mariners issued during the year 1878—

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„ 2. Error in position of Krishna Shoal Light-vessel.
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The Gazette of India.

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☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART III.

Advertisements and Notices by Private Individuals and Corporations.

NOTIFICATION.

With the consent of the Government of India, the Government of His Highness the Maharaja of Mysore is prepared to receive tenders for a Debenture Loan of (Rs. 20,00,000) twenty lakhs of Rupees on the security of the general revenues of the Mysore Province. The amount of the Loan is to be expended entirely on the construction of an important line of railway from Bangalore to Tiptoor, a distance of about 85 miles.

2. Debentures will be issued for the said amount bearing interest at the rate of five per cent. per annum, payable half-yearly on the 15th February and 15th August of each year and having a currency of twenty years. The interest will be payable at any of the Government Treasuries of the Mysore Province or at the Banks of Bengal, Madras or Bombay and their branches.

3. The form of Debenture Bonds will be that given below. Each Debenture will be issued for the sum of Rs. (500) five hundred, or some multiple of Rs. 500.

4. Tenders for the whole or any part of the above-named sum of Rs. (20,00,000) twenty lakhs will be received by the Comptroller to the Mysore Government at Bangalore up to noon on the 1st July 1882.

5. Each tender should be in the form hereto annexed, and enclosed in a sealed cover superscribed "Tender for the Mysore Railway Loan of 1882," and sent to the Comptroller to the Government of Mysore at Bangalore.

6. The tenders will be opened at the Dewan's Office at Bangalore in the presence of the Dewan and other members of the Mysore Government on the 1st July 1882 at noon, a minimum rate having first been fixed by the Dewan.

7. Each tender must be accompanied by the deposit of a sum equal to 2 per cent. of the amount tendered. Such deposit may be made by paying the amount to the credit of the Dewan of Mysore at the Banks of Bengal, Madras and Bombay, or at any of their branches, or at any of the Treasuries of the Mysore Government, and forwarding with the tender the receipt of such Bank or Treasury or by a Money Order payable to the Dewan of Mysore, or by Government of India Promissory Notes duly endorsed in favor of the Dewan of Mysore.

8. If the tender be accepted either in whole or in part, the deposit made will be taken in part payment, and the tenderer must arrange for the payment of the remainder of the amount of the loan allotted to him on or before the 15th August 1882 into any of the Treasuries of the Mysore Government, or into the Banks of Bengal, Madras or Bombay or any of their branches to the credit of the Dewan of Mysore, failing which the deposit made will be forfeited.

9. Debentures will be issued as soon as possible after receipt of the amount of allotment.

10. The deposit on tenders which may not be accepted will be returned on application.

11. In the case of two or more tenders at the same rate (not being below the minimum), a *pro rata* allotment will, if necessary, be made.

12. The rate stated in a tender must not contain any fraction of an anna; if a rate containing a fraction of an anna is inserted in any tender, such fraction will be struck out, and the tender treated as if the rate did not contain such fraction of an anna.

13. In order to avoid mistakes, a separate tender must be made at each rate tendered, and a separate deposit must accompany each tender.

14. The annual revenues of the Mysore Province amount at present to Rs. 1,06,00,000 (one hundred and six lakhs of Rupees), and are expected to yield an annual surplus of five lakhs after defraying all charges and providing for repayments on account of the Famine Loan due to the Government of India.

15. Arrangements will be made for securing negotiability to the Debentures in British India free of Stamp Duty.

C. RANGACHARLU,
Dewan.

OFFICE OF THE DEWAN OF MYSORE,
BANGALORE,
The 1st May 1882.

Form of Tender.

I hereby tender for Rupees of the Loan advertized in the Notification of the Dewan of Mysore, dated 1st May 1882, and agree to pay the same subject to the conditions notified, at the rate of Rupees for every Rs. 100 allotted to me.

I enclose on account of the required deposit of 2 per cent. on the amount tendered (*here enter particulars of deposit*), and engage, if my offer is accepted, to pay the remainder of the amount of the Loan allotted to me on or before the 15th August 1882, in the manner prescribed in the Notification. Any allotment made to me may be communicated to the following address.

Signature.

Full address.

Form of Debenture.

MYSORE RAILWAY FIVE PER CENT. LOAN, 1882.

Bangalore, *1882.*

No.

The Government of His Highness the Maharaja of Mysore, in consideration of the sum of Rupees received from promise to pay to the said or order the sum of Rupees twenty years after the date hereof, together with interest at the rate of five per centum per annum, payable half-yearly on 15th February and 15th August.

The Gazette of India.

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SIMLA, SATURDAY, MAY 20, 1882.

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PART IV.

Acts of the Governor General's Council assented to by the Governor General.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

[First publication.]

The following Act of the Governor General of India in Council received the assent of His Excellency the Governor General on the 19th May, 1882, and is hereby promulgated for general information :—

ACT No. XVI OF 1882.

THE JHÁNSÍ ENCUMBERED ESTATES ACT, 1882.

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An Act to provide for the relief of Encumbered Estates in the Jhánsí Division of the North-Western Provinces.

Preamble.

WHEREAS many zamíndárs in the Jhánsí Division of the North-Western Provinces are in debt, and their immoveable property is subject to encumbrances, and it is expedient to provide for their relief in manner hereinafter appearing; It is hereby enacted as follows:—

CHAPTER I.

PRELIMINARY.

Short title:

1. This Act may be called the Jhánsí Encumbered Estates Act, 1882:

Commencement.

and it shall come into force on the passing thereof.

Interpretation-clause.

2. In this Act—

"land":

"land" means land assessed to revenue:

"zamíndár":

"zamíndár" means a proprietor of land or of any share in land, and includes an ubáridár:

"sír-land":

"sír-land" means—

(a) land recorded as sír at the last settlement or revision of settlement of the district in which it is situate, and continuously so recorded since;

(b) land continuously cultivated for twelve years by the proprietor himself with his own stock or by his servants, or by hired labour;

(c) land recognized by village-custom as the special holding of a co-sharer, or treated as such in the distribution of profits or charges among the co-sharers:

"public debt":

"public debt" means a debt due or liability incurred to Government: and

"private debt."

"private debt" means any debt or liability other than a public debt.

CHAPTER II.

APPOINTMENT OF OFFICERS.

Power to appoint a special Judge.

3. The Local Government may, from time to time, by notification in the official Gazette, appoint, for any local area in the Jhánsí Division, a special Judge, who shall exercise the powers conferred, and perform the duties imposed, on him by this Act.

Power to suspend or remove special Judge.

The Local Government may, at any time, by a like notification, suspend or remove any special Judge so appointed.

CHAPTER III.

OF THE APPLICATION AND PRELIMINARY INQUIRY.

Application for benefit of Act.

4. (1) At any time within twelve months after a special Judge is appointed for any local area, any zamíndár owning land in that area may apply, in writing, to the Commissioner of the Jhánsí Division, stating that the zamíndár is subject to, or that his immoveable property or any part thereof is encumbered with, private debts, and requesting that the provisions of this Act be applied to him.

(2) The like application may be made with respect to any such zamíndár by an officer appointed for the purpose by the Local Government:

(3) Provided that, where the zamíndár is a disqualified proprietor within the meaning of section 194 of the North-Western Provinces Land-revenue Act, 1873, the application shall be made—

(a) if his property is under the superintendence of the Court of Wards—by the manager of his property, with the consent of that Court; and

(b) if his property is not under such superintendence—by the Deputy Commissioner of the district in which the property is situate.

Power to extend time for making applications.

(4) The Local Government may, from time to time, by notification in the official Gazette, extend the time prescribed for making applications under this section.

Order to inquire.

5. When any such application is made in the case of any zamíndár, the Commissioner shall direct an inquiry to be made by the special Judge—

(a) into the nature and amount of the zamíndár's private debts, and

(b) into the sufficiency of his property, whether moveable or immoveable (exclusive of his proprietary rights in land and of the property mentioned in the first proviso to section 266 of the Code of Civil Procedure), to discharge his private debts.

Written statement to be submitted.

6. (1) When an inquiry has been directed under section five, the applicant shall, within a period to be fixed by the Commissioner, submit to the special Judge a written statement containing, so far as may be practicable,—

(a) such particulars as the special Judge may require respecting the private debts to which the zamíndár is subject, or with which his immoveable property or any part thereof is encumbered;

(b) the nature and value of the zamíndár's property (exclusive of his proprietary rights in land

and of the property mentioned in the first proviso to section 266 of the Code of Civil Procedure); and

(c) the names and residences of his creditors, so far as they are known to, or can be ascertained by, the zamíndár.

Verification of statement.

(2) The statement must be verified by the applicant or by some other competent person, in the manner required by law for the verification of plaints; and if it contains any averment which the person making the verification knows or believes to be false, or does not know or believe to be true, he shall be deemed to have intentionally given false evidence within the meaning of the Indian Penal Code:

Proviso.

(3) Provided that, when the application is made by an officer appointed under section four, clause (2), or by the Deputy Commissioner, it shall not be necessary to verify the statement; but the zamíndár shall, so far as may be practicable, within a period to be fixed by the special Judge, furnish such information regarding the matters mentioned in clauses (a), (b) and (c) of this section, as the Judge may require.

CHAPTER IV.

PROOF OF DEBTS AND PROCEDURE OF SPECIAL JUDGE.

Publication of notice to claimants against zamíndár.

7. (1) When the statement or information referred to in section six has been submitted or furnished, the special Judge shall publish in the official Gazette a notice in the vernacular language of the district, calling upon all persons having claims against the person or the property of the zamíndár by or with respect to whom the application was made under section four, to present to the special Judge, within two months from the date of the publication, a written statement of their claims.

Copies of notice to be exhibited.

(2) The special Judge shall also cause copies of the notice to be exhibited at his own office, at the offices of the Commissioner of the Jhánsí Division and the Deputy Commissioner of the district in which the land of the zamíndár is situate, and at some conspicuous place in the village where the zamíndár resides.

Provision for admission of claims within further period of two months.

(3) The statement must be presented within the period specified in the notice, unless the claimant satisfies the special Judge that he had sufficient cause for not presenting the statement within that period, in which case the special Judge may receive the statement within a further period of two months from the expiration of the period so specified.

Consequences of notice.

8. After the publication of the notice, the following consequences shall ensue (namely):—

(a) all proceedings pending at the date of the publication, in any civil or revenue Court in British India in respect of any private debt to which the zamíndár is subject, or with which his immoveable property is encumbered, shall be for ever stayed; and all processes, executions and attachments issued by any such Court, and then in force, in respect of any such debt shall become null and void;

(b) in respect of any such debt no fresh proceeding, process, execution or attachment shall, except as hereinafter provided, be instituted in, or issued by, any civil or revenue Court in British India;

(c) until the Commissioner has declared, as hereinafter provided, that the zamíndár has ceased to be subject to the disabilities mentioned in this clause—

(1) the zamíndár shall be incompetent to sell, mortgage, exchange, give, or, without the consent of the Commissioner, lease his proprietary rights in land or any part thereof; and

(2) no proceeding, process, execution or attachment shall be instituted in, or issued by, any civil or revenue Court in British India against those rights, in respect of any private debt contracted by the zamíndár after the publication of the notice.

Claim to contain full particulars.

9. (1) Every claimant referred to in section seven shall, in the written statement of his claim, present full particulars thereof.

Documents to be given up.

(2) Every document on which the claimant founds his claim, or on which he relies in support thereof, shall be delivered to the special Judge along with the written statement.

Entries in books.

(3) If the document is an entry in any book, the claimant shall produce the book to the special Judge together with a copy of the entry on which he relies. The special Judge shall mark the book for the purpose of identification, and, after examining and comparing the copy with the original, shall return the book to the claimant.

Exclusion of documents not produced.

(4) If any document in the possession or under the control of the claimant is not delivered or produced by him, as required by this section, the special Judge may refuse to receive that document in evidence on the claimant's behalf at the investigation of the case.

Claim not duly notified to be deemed discharged.

10. Every claim against the zamíndár in respect of a private debt shall, unless made within the time and in the manner required by this Act, be deemed, for all purposes, and on all occasions, to have been duly discharged.

Order appointing time for inquiry.

11. The special Judge shall, by an order in writing, appoint a time for inquiring into each claim made as aforesaid, and a copy of that order shall be served on the claimant and on the zamíndár, or, when the application has been made on behalf of a disqualified proprietor, on the manager of his property, or the Deputy Commissioner, as the case may be.

History of transactions with zamíndár to be investigated.

At the time so appointed, or at any subsequent time to which the proceedings may be adjourned, the special Judge shall hear such of the parties as appear, and, if the amount of any claim (other than a claim decreed by a competent Court) is disputed, shall inquire into the history and merits of that claim from the commencement of the

transactions between the parties, and shall, as hereinafter provided, determine the amount (if any) justly due to the claimant.

Explanation.—Subject to the right of appeal and power of revision hereinafter conferred, the effect of this determination is to extinguish the previously existing right (if any) of the claimant, together with all rights (if any) of mortgage or lien by which the same is secured, and, where any amount is determined to be due to him, to substitute for those rights a right to recover that amount in the manner and to the extent hereinafter prescribed, and not otherwise.

Mode of taking account.

12. When the special Judge inquires, under section eleven, into the history and merits of a claim, he shall—

notwithstanding any agreement between the zamíndár and the claimant, or the persons (if any) through whom they claim, as to allowing compound interest, or as to setting off the profits of mortgaged property in lieu of interest without an account, or otherwise determining the manner of taking the account, and

notwithstanding any statement or settlement of account, or any contract purporting to close previous dealings and create a new obligation,

open the account from the commencement of the transactions between the parties, and take that account according to the following rules (that is to say) :—

(*a*) separate accounts of principal and interest shall be taken;

(*b*) in the account of principal, there shall be debited to the zamíndár such money as may, from time to time, have been actually received by him, or on his account, from the claimant, and the price of goods (if any) sold to him by the claimant as part of the transactions between them;

(*c*) in the account of principal, there shall not be debited to the zamíndár any money which he may have agreed to pay in contravention of section 257A of the Code of Civil Procedure;

(*d*) in the account of principal, there shall not be debited to the zamíndár any accumulated interest which has been converted into principal at any statement or settlement of account, or by any contract made in the course of the transactions, unless the special Judge, for reasons to be recorded by him in writing, deems such debit to be reasonable;

(*e*) in the account of interest, there shall be debited to the zamíndár, monthly, simple interest on the balance of principal for the time being outstanding, at the rate allowed by the special Judge as hereinafter provided;

(*f*) all money paid by, or on account of, the zamíndár to the claimant, or on his account, and all profits, service or other advantages of every description received by the claimant in the course of the transactions, shall be credited first in the account of interest, and, when any payment is more than sufficient to discharge the balance of interest due at the time it is made, the residue of that payment shall be credited to the zamíndár in the account of principal:

Explanation.—The advantages mentioned in this clause shall be estimated, if necessary, at such money-value as the special Judge may determine in his discretion, or with the aid of arbitrators appointed by him;

(*g*) the accounts of principal and interest shall be made up to the date of making the claim; and the aggregate of the balances (if any) appearing due on both the accounts against the zamíndár at that date shall be deemed to be the amount due at that date, except when the balance appearing due on the account of interest exceeds that appearing due on the account of principal, in which case double the latter balance shall be deemed to be the amount then due.

Interest to be allowed.

13. The interest to be awarded in taking an account, according to the rules set forth in section twelve, shall be—

(*a*) the rate (if any) agreed upon between the zamíndár and the claimant, or the persons (if any) through whom they respectively claim, unless that rate is deemed by the special Judge to be unreasonable; or

(*b*) if that rate is deemed by the special Judge unreasonable, or if no rate was agreed upon, or, when any agreement to set off profits in lieu of interest without an account, entered into between the zamíndár and the claimant, or the persons (if any) through whom they respectively claim, has been set aside by the special Judge, such rate as the special Judge deems reasonable.

Proceedings when amount determined to be due is paid into court.

14. If, on the termination of the inquiries by the special Judge, the zamíndár forthwith pays into court the aggregate amount of the claims determined to be due, together with the aggregate of such costs (if any) as the special Judge may in each case award against the zamíndár, the special Judge shall submit a report of his proceedings to the Commissioner, and shall, on the application of each claimant, pay to him such portions (if any) of the said aggregate amounts as may be due to him.

Power to rank debts and fix future interest.

15. If the zamíndár does not pay the said amounts under section fourteen, and these amounts cannot, in the opinion of the special Judge, be paid from the proceeds of the sale of the zamíndár's property (exclusive of his proprietary rights in land and of the property mentioned in the first proviso to section 266 of the Code of Civil Procedure), the special Judge shall make an order ranking the claims and costs according to the order in which they shall be paid or discharged, and fixing the interest (if any) to be paid on the amounts thereof respectively from the date of the final decision thereon to the date of the payment or discharge thereof.

Power to eject mortgagee, &c.

16. When any person whose claim has been determined by the special Judge, or whose claim is, under section ten, to be deemed to be discharged, has, as mortgagee or otherwise, obtained possession of any land of the zamíndár as security for his claim and continues in possession of that land, the special Judge may order him to be ejected therefrom.

Any order passed under this section shall be executed as nearly as may be in accordance with the rules prescribed by the Code of Civil Procedure for the execution of decrees.

Report to be submitted by special Judge in certain cases.

17. When the proceedings hereinbefore prescribed have been concluded otherwise than under section fourteen, the special Judge

shall submit a report to the Commissioner, showing the nature and amount of the claims and costs as determined and awarded by him, the nature and amount of all the zamíndár's property (exclusive of his proprietary rights in land and of the property mentioned in the first proviso to section 236 of the Code of Civil Procedure) which may be available for the payment or discharge of the same, and, when an order has been made under section fifteen, the particulars of such order.

CHAPTER V.

PROCEDURE OF COMMISSIONER AND MODE OF LIQUIDATION.

On report of special Judge, Commissioner to sell property reported by special Judge, and, if necessary, to direct valuation of proprietary rights.

18. On receiving a report under section seventeen, the Commissioner shall direct that the property reported by the special Judge as available for the payment or discharge of the claims and costs determined and awarded by him, or any specified portion of that property, be sold by public auction, and, from the proceeds thereof, shall pay or discharge, so far as practicable, the amount of the said claims and costs.

If those proceeds are not sufficient to pay or discharge in full that amount, the Commissioner shall direct the value of the zamíndár's proprietary rights in land to be ascertained in the manner following:—

For the purposes of a loan, the value of those rights shall be estimated to be a sum amounting to six times the nett annual profits of the zamíndár.

For the purposes of purchase by Government, the value of those rights shall be estimated to be a sum amounting to ten times those nett annual profits.

"Nett annual profits."

Explanation.—The expression "nett annual profits" means the balance left, after deducting the amount of the annual Government revenue and the rates payable annually by the zamíndár under the North-Western Provinces Local Rates Act, 1878, or any other Act for the time being in force, from the aggregate amount of—

(*a*) the rents which he is entitled to receive annually from his tenants;

(*b*) the rent which he would have to pay annually for his sír-land (if any), if he were an ex-proprietary tenant thereof;

(*c*) all other profits annually receivable by him as zamíndár; and

(*d*) in the case of profits occasionally receivable or varying in amount from year to year, the average annual amount of such profits during the ten years next preceding the valuation.

Proceedings in liquidation.

19. When the value of the zamíndár's proprietary rights has been ascertained as directed in section eighteen, the Commissioner shall proceed as follows:—

(*a*) If the sum at which the rights have been valued for the purposes of a loan is sufficient to pay or discharge the unpaid balance of the claims and costs determined and awarded by the special Judge, together with the zamíndár's public debts, the Commissioner may, with the consent of the zamíndár, direct such sum as may be necessary, not being more than the amount of such valuation, to be advanced from the public treasury as a loan to the zamíndár, repayable, with interest thereon at the rate of five per cent. per annum, by instalments, within a term not exceeding ten years, and shall, from the sum so advanced, pay or discharge in full the said balance and the said public debts.

(*b*) If the zamíndár does not consent to accept such loan, or if the sum at which his proprietary rights in land have been valued for the purposes of a loan is not sufficient to discharge the said balance and the said public debts, the Commissioner may order that any portion, or, if necessary, the whole, of those rights shall be sold in the manner hereinafter prescribed in order to discharge such balance and debts.

Attachment of proprietary rights.

20. When an order for the sale of the proprietary rights of any zamíndár has been made under section nineteen, the Commissioner may order those rights to be attached and taken under the management of the Deputy Commissioner, who shall have, for this purpose, the same powers as are conferred, for the management of a mahál, on a Collector by the North-Western Provinces Land-revenue Act, 1873, section 155.

The management shall continue until the rights are sold under this Act.

Mode of selling proprietary rights.

21. (1) All sales under this Act of proprietary rights in land shall be made by public auction in the manner prescribed by the said North-Western Provinces Land-revenue Act, 1873, for the sale of immoveable property for arrears of land-revenue.

(2) If, at the public auction of any zamíndár's proprietary rights in land, any bid is made for those rights above the sum at which they have been valued for the purposes of purchase by Government, the rights shall be sold to the highest bidder; and the proceeds of the sale shall be paid to the Deputy Commissioner or such officer as the Commissioner may direct.

(3) If no such bid is made, the Commissioner shall direct a sum of money equal to the amount of that valuation to be paid from the public treasury to the Deputy Commissioner or such officer.

Duty of Deputy Commissioner.

22. The Deputy Commissioner or such officer, as the case may be, shall thereupon, subject to the control of the Commissioner,—

first, pay, from the money which he has received under section twenty-one, the zamíndár's public debts;

secondly, out of the balance of that money, pay or discharge, so far as may be practicable, the unpaid balances of the claims and costs determined and awarded by the special Judge, in the order in which they are ranked under section fifteen by that Judge;

thirdly, pay the surplus (if any) to the zamíndár.

When the whole of a zamíndár's proprietary rights in land have been sold in execution of an order passed under section nineteen, clause (*b*), and the proceeds of the sale are insufficient to discharge in full the amounts referred to in this section, the unpaid balance of those amounts shall nevertheless be deemed to have been duly discharged.

Consequences of loan.

23. When a sum of money has been lent, under section nineteen, clause (*a*), to a zamíndár, and applied as provided in that clause, and he fails to pay any instalment of principal or interest on the day fixed for the payment thereof, the whole sum remaining unpaid on account of principal or interest, or both, shall be recoverable at once as if it were an arrear of land-revenue due by him in respect of the land comprised in the valuation made under section eighteen.

Conditions of purchase by Government.

24. When a sum of money has been paid from the public treasury in respect of any proprietary rights of a zamíndár as provided in section twenty-one, and has been applied as provided in section twenty-two, the following consequences shall ensue (namely) :—

(*a*) all such proprietary rights shall vest in Her Majesty ;

(*b*) in respect of any of his sír-land, the proprietary rights in which are, under this section, vested in Her Majesty, the zamíndár shall be deemed to be an ex-proprietary tenant holding the land directly under the Government.

Power to declare that zamíndár has ceased to be subject to disabilities.

25. In each of the following cases (namely),—

(*a*) when a report has been submitted to the Commissioner under section fourteen, or

(*b*) when the claims and costs determined and awarded by the special Judge have been paid or discharged in full under section eighteen, or

(*c*) when the amount lent, under section nineteen, to a zamíndár has been repaid, together with the interest due thereon, or

(*d*) when the amount so lent, with interest, has been recovered from him as an arrear of land-revenue, or the balance thereof remaining unpaid has been remitted by the Local Government, or

(*e*) when the whole, or, where it is necessary to sell only a portion, that portion, of his proprietary rights in land has been sold under this Act to the highest bidder, or those rights have vested in Her Majesty under section twenty-four,

the Commissioner shall declare that the zamíndár has ceased to be subject to the disabilities mentioned in section eight, clause (*c*) :

Provided that, in cases coming under clause (*d*) of this section, no such declaration shall be made without the previous sanction of the Local Government.

CHAPTER VI.

OF APPEAL AND REVISION.

Appeals.

26. An appeal against any decision or order of the special Judge, under this Act, shall lie to the Commissioner if preferred within one month from the date of the decision or order, and not later, unless the appellant satisfies the Commissioner that he had sufficient cause for not presenting the appeal within that period.

Subject to the power of revision next hereinafter provided, the decision of the Commissioner on an appeal under this section shall be final.

Power to call for proceedings and pass order thereon.

27. The Board of Revenue or the Commissioner may, of its or his own motion, or on the application of any person concerned, call for and revise the proceedings in any case under this Act, and pass such order thereon, consistent with the provisions herein contained, as it or he thinks fit :

Provided that nothing in this section shall empower the Commissioner to pass any order reversing or modifying an order passed by the Board of Revenue.

CHAPTER VII.

MISCELLANEOUS.

Death of zamíndár during proceedings.

28. If a zamíndár with regard to whom a notice has been published under section seven dies before a declaration has been made in respect of him under section twenty-five,

(*a*) the proceedings under this Act shall be continued as nearly as may be possible in all respects as if the zamíndár were still living ; and

(*b*) any person succeeding to the whole or any portion of the zamíndár's proprietary rights in land shall become subject in respect of those rights to the disabilities imposed by section eight, clause (*c*), and shall continue so subject until a declaration has been made in respect of him under section twenty-five.

Investigation to be deemed a judicial proceeding.

29. Every investigation conducted by the special Judge with reference to any claim made to him under this Act, or to any matter connected with any such claim, shall be deemed to be a judicial proceeding within the meaning of the Indian Penal Code ;

Special Judge deemed public servant within meaning of Indian Penal Code.

and the special Judge shall be deemed to be a public servant within the meaning of that Code.

Power to summon witnesses, compel production of documents and award costs.

30. For the purposes of compelling the attendance of witnesses and the production of documents, and of awarding costs, the special Judge shall have the powers conferred on a Civil Court by the Code of Civil Procedure.

Bar of suits.

31. No suit or other proceeding shall be maintained against any person in respect of anything done by him in good faith pursuant to this Act.

Power to make rules.

32. The Local Government may, from time to time, make rules consistent with this Act—

(*a*) to regulate the procedure in all cases under this Act ;

(*b*) to declare what shall, for the purposes of this Act, be deemed to be the vernacular language of any specified district ; and

(*c*) generally to carry out the provisions of this Act.

Such rules shall be published in the official Gazette, and, when so published, shall have the force of law.

D. FITZPATRICK,
Secy. to the Govt. of India.

SUPPLEMENT TO

The Gazette of India.

№ 20.} CALCUTTA, SATURDAY, MAY 20, 1882.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

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GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

RETURNS OF ACCIDENTS ON INDIAN RAILWAYS FOR THE FOURTH QUARTER OF 1881.

No. 397 R. T., dated Simla, 4th May 1882.

RESOLUTION—By the Government of India, Public Works Department.

Read again—

Public Works Department Circular No. 9 Railway, dated 10th May 1881.

" " " " " 158 R. T., dated 17th February 1882.

Read also—

Returns of Accidents to Trains, &c., on the open lines of Railways in India for the quarter ending 31st December 1881.

OBSERVATIONS.—As compared with the corresponding quarter of the previous year, with an increase of 801½ miles, or 8·98 per cent., in the open mileage, and of 1,400,577 miles, or 17·91 per cent., in the train mileage, the number of accidents to trains, rolling stock, permanent-way, &c., shows a decrease of 14, or 2·14 per cent. The numbers chiefly vary on the following Railways:—

	Increase.	Decrease.
East Indian Railway, including the State branches worked by it	...	17
South Indian	.	43
Great Indian Peninsula	17	...
Bombay, Baroda and Central India	12	...
Rajputana	44	...
Punjab Northern	...	15
Indus Valley and Kandahar	...	24

2. The reduction on the East Indian Railway mainly took place under "Collisions between goods trains or parts of goods trains," "Goods trains or parts of goods trains, engines, &c., leaving the rails," and "Trains running over cattle," the numbers under these heads being *nil* against 13, 4 against 8,

and 13 against 16, respectively. There were, on the other hand, 9 cases of collisions between "Passenger trains and goods or mineral trains, engines, and vehicles standing foul of the line" against 2.

3. The large decrease on the South Indian Railway was due to there being only 27 cases of "Trains running over cattle" against 46; 1 of "Passenger trains or parts of passenger trains leaving the rails" against 5; and 1 of "Goods trains or parts of goods trains, engines, &c., leaving the rails" against 8.

4. The total number of accidents on the Great Indian Peninsula Railway, including the State lines worked by it, was more by 17: under "Fire in trains" there were 13 cases against *nil*; under "Failure of axles" 3 against 1; and under "Other accidents" 5 against *nil*. The number of accidents from "Trains running over cattle" decreased from 16 to 9.

5. On the Bombay, Baroda and Central India Railway the number of accidents increased by 12, owing principally to the number of accidents from "Goods trains or parts of goods trains, engines, &c., leaving the rails," being 8 against *nil*.

6. On the Rajputana Railway the increase appears under several heads, especially under "Trains running over cattle," "Trains running over obstructions on the line," and "Failure of couplings." The accidents under these heads numbered 33 against 12, 9 against *nil*, and 8 against 2, respectively.

7. The number of accidents on the Punjab Northern State Railway decreased by 15, as there were no cases of "Passenger trains or parts of passenger trains leaving the rails" against 8; 1 of "Trains or engines travelling in the wrong direction through points" against 5; 1 of "Trains running over obstructions on the line" against 5; and 6 of "Fire in trains" against 9. There were, however, 6 cases of "Other accidents" against 3; and 3 "Failures of machinery, springs, &c., of engines" against *nil*.

8. On the Indus Valley and Kandahar State Railways the number diminished from 153 to 129, as there were no cases of "Collisions between goods trains or parts of goods trains" against 8; 6 of "Goods trains or parts of goods trains, engines, &c., leaving the rails" against 14; 41 of "Trains running over cattle" against 54; and 28 "Failures of machinery, springs, &c., of engines" against 30. The number of "Fires in trains," however, increased from 20 to 26; and of "Other accidents" from 1 to 7.

9. The casualties resulting from accidents to trains, &c., were among passengers 18 injured against 1, and among servants 5 killed and 16 injured against 1 killed and 2 injured. The largest number appears to have occurred on the Great Indian Peninsula Railway, where 13 passengers and 7 servants were injured. Three of the 7 servants and the 13 passengers were injured by No. 54 up passenger train running into No. 44 down goods outside the distant signal at Chinchvad on the 26th October 1881. The injuries were mostly of a trivial nature, and the Driver and Guard of the goods train and the Assistant Station Master, who were to blame, have been suitably punished.

10. The following table exhibits the number of accidents under the different classes, and the number of persons killed and injured thereby:—

	Number of Accidents.	Number of Passengers and others.		Number of Servants.		Total.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
Collisions between passenger trains and goods or mineral trains, engines, and vehicles standing foul of the line	18	...	13	...	3	...	16
Collisions between goods trains or parts of goods trains	17	...	...	...	...	...	...
Passenger trains or parts of passenger trains leaving the rails	13	...	...	...	...	...	...
Goods trains or parts of goods trains, engines, &c., leaving the rails	72	...	...	...	...	...	...

	Number of Accidents.	Number of Passengers and others.		Number of Servants.		Total.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
Trains or engines travelling in the wrong direction through points	13	...	...	...	...	...	...
Trains running into stations or sidings at too high a speed	1	...	5	...	...	...	5
Trains running over cattle on the line	191	...	...	...	...	...	...
Do. do. over obstructions on the line	38	...	...	...	...	...	...
Trains running through gates at level crossings	14	...	...	...	...	...	...
The bursting of boilers or tubes, &c., of engines	52	...	...	...	...	...	...
The failure of machinery, springs, &c., of engines	62	...	...	...	...	...	...
The failure of machinery, springs, &c., of tyres	4	...	...	1	5	1	5
The failure of machinery, springs, &c., of wheels	2	...	...	...	...	...	...
The failure of machinery, springs, &c., of axles	12	...	...	...	...	...	...
The failure of machinery, springs, &c., of couplings	17	...	...	...	...	...	...
Broken rails	8	...	...	...	...	...	...
The flooding of portions of permanent-way	8	...	..	...	..	...	...
Slips in cuttings or embankments	1	...	...	...	...	...	...
Fire in trains	56	...	...	...	...	...	...
Fire at stations or involving injury to bridges or viaducts	5	...	...	...	...	...	...
Other accidents	36	...	...	4	8	4	8
Total	640	...	18	5	16	5	34

11. The number of "Collisions between passenger trains and goods or mineral trains, engines, and vehicles standing foul of the line" increased from 16 to 18, of which 9 alone occurred on the East Indian Railway.

12. There were 17 cases of collisions between goods trains or parts of goods trains, of which 6 occurred on the Sind, Punjab and Delhi Railway.

13. The number of cases in which goods trains or parts of goods trains, engines, &c., left the rails was the largest on the Sind, Punjab and Delhi Railway, being 18 out of a total of 72.

14. There were 191 cases of trains running over cattle against 208, 41 of which occurred on the Indus Valley Railway against 54; 33 on the Rajputana Railway against 12; 27 on the South Indian Railway against 46; 14 on the Madras Railway against 10; and 13 on the East Indian Railway against 16.

15. The number of accidents from trains running over obstructions on the line increased from 24 to 38, of which 9 occurred on the Rajputana Railway against *nil*; and 5 on the Sind, Punjab and Delhi Railway against 3.

16. There were 52 cases of bursting of boilers or tubes, &c., of engines against 30, of which 36 occurred on the Sind, Punjab and Delhi Railway.

17. The failure of machinery, springs, &c., of engines increased by 16; 28 occurred on the Indus Valley and Kandahar State Railways against 30; 9 on the Sind, Punjab and Delhi Railway against 6; 5 on the Tirhoot Railway against 1; and 5 on the Wardha Coal Railway against 2.

18. There were 4 cases of failure of tyres, of which 1 occurred on the East Indian Railway; 2 on the Sind, Punjab and Delhi Railway; and 1 on the Bombay, Baroda and Central India Railway.

19. Axles failed in 12 instances, of which 6 alone occurred on the Eastern Bengal Railway.

20. The number of cases of failure of couplings increased by 6; 8 occurred on the Rajputana Railway against 2, and 3 on the East Indian Railway against 1, with small increases and decreases on other lines.

21. There were 56 cases of fire in trains against 47, of which 13 occurred on the Great Indian Peninsula Railway against *nil*, 26 on the Indus Valley and Kandahar State Railways against 20.

22. The casualties to passengers from causes other than accidents to trains, &c., were—

	Killed.	Injured.
From falling between carriages and platforms	2	1
Falling on to the platform, ballast, &c., when getting into or out of trains	2	3
Falling out of carriages during the travelling of trains	6	13
Other accidents	1	3
	11	20

23. The accidents to servants in the employ of railways or of contractors whilst performing duties connected directly with the transit of passengers and goods from causes other than accidents to trains, &c., were—

	Killed.	Injured.
During shunting operations	2	12
Falling off engines, vans, wagons, &c.	3	13
Coming in contact with over-bridges, &c., during the travelling of trains	...	3
Coming in contact, whilst shunting, with vehicles, &c., standing in adjoining lines	1	...
Getting on or off trains, engines, &c.	2	6
Whilst loading, unloading, or sheeting	...	10
Whilst braking, spragging, or choking wheels	...	1
Whilst working at cranes or capstans	...	3
Whilst working on the permanent-way or in sidings	3	4
Whilst walking along the line on the way home or to work	3	2
Whilst walking, crossing, or standing on the line	10	7
Whilst passing between vehicles	1	1
Whilst attending to the machinery of engines, cleaning them, &c.	...	4
Whilst attending to gates at level-crossings	1	1
Falling or being caught between vehicles and platforms	...	1
Falling off ladders, scaffolds, platforms, &c.	...	5
Whilst coupling or uncoupling wagons	4	3
Miscellaneous	3	18
	33	94

24. Of other persons killed and injured by running trains, &c., one was killed whilst passing over the line at level-crossings, 31 killed and 10 injured whilst trespassing on the line, 5 committed suicide, and 2 killed and 1 injured from miscellaneous causes.

25. The following table shows the total number of persons killed and injured from causes connected with the working of trains as compared with those in the previous corresponding quarter:—

	4TH QUARTER, 1880.		4TH QUARTER, 1881.	
	Killed.	Injured.	Killed.	Injured.
Passengers.				
From causes beyond their own control	...	1	...	19
„ misconduct or want of caution	8	23	11	19
Servants.				
From causes beyond their own control	2	8	6	34
„ misconduct or want of caution	32	68	32	86
Others.				
Whilst passing at level crossings	2	...	1	...
Trespassers including suicides	25	8	36	10
Other persons	1	2	2	1
	70	110	88	169

26. In addition to the above, 10 persons are reported to have been killed and 71 injured in yards, workshops, &c., and 137 passengers to have met death in carriages and at stations from causes unconnected with the working of trains.

RESOLUTION.—The attention of the Governments and Officers concerned should be invited to the increase in the number of accidents from "Fire in trains" and from "Failure of axles" on the Great Indian Peninsula Railway; the comparatively large number of "Collisions between passenger trains and goods or mineral trains, engines, and vehicles standing foul of the line" on the East Indian Railway, as well as the failure of axles on the Eastern Bengal Railway; the large number of accidents from "Goods trains or parts of goods trains, &c., leaving the rails" on the Bombay, Baroda and Central India Railway; and the large increase in the number of accidents from "Trains running over cattle," "Trains running over obstructions on the line," and from "Failure of couplings" on the Rajputana Railway.

ORDER.—Ordered, that this Resolution be forwarded to the Governments, Administrations and Officers noted in the margin for information and guidance, together with copies of the Abstract Returns compiled by the Government of India.

Madras, Bombay, Bengal, North-Western Provinces and Oudh.
Central Provinces, British Burma and Hyderabad.
Director General of Railways.
Consulting Engineers to the Government of India for Guaranteed Railways.

Ordered also, that these papers be forwarded to the Government and Administrations marginally noted for information, and that copies be forwarded to the Secretary of State for the information of Her Majesty's Government.

Punjab, Assam, Rajputana, Central India, and Biluchistan.

Ordered further, that this Resolution, with the Abstract Returns, be published in the Supplement to the *Gazette of India*.

F. S. STANTON, *Colonel, R.E.*,
Deputy Secretary to the Govt. of India.

TABLE No. 1.

GENERAL TOTAL.

NUMBER of PERSONS reported during the Fourth Quarter of 1881 as KILLED or INJURED on the several RAILWAYS open for Traffic in INDIA, distinguishing between PASSENGERS, RAILWAY SERVANTS, and OTHER PERSONS; and distinguishing also, in the case of the two former Classes, between ACCIDENTS happening from Causes beyond their own Control and ACCIDENTS happening otherwise.

	Mean mileage open.	RAILWAYS.		Passengers. From Causes beyond their own Control.		Passengers. From their own Misconduct or want of Caution.		Passengers. Total.		Railway Servants or Servants of Contractors. From Causes beyond their own Control.		Railway Servants. From their own Misconduct or want of Caution.		Railway Servants. Total.		Other Persons. Whilst passing over Railways at Level-Crossings.		Other Persons. Trespassers and Suicides.		Other Persons. Miscellaneous not included in preceding columns.		Other Persons. Total		Total all Classes.	
				Killed.	Injured.	Killed.	Injured	Killed.	Injured	Killed.	Injured	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured	Killed.	Injured	Killed.	Injured.	Killed.	Injured
GUARANTEED	(a)1,584½	East Indian (Includes Branch State lines)	1880	...	...	4	10	4	10	...	3	5	18	5	21	...	...	12	3	1	1	13	4	22	35
	1594		1881	...	1	7	5	7	6	5	20	8	24	13	44	.	...	8	4	.	...	8	4	28	54
	171¾	Eastern Bengal	1880	...	...	...	...	...	...	...	...	1	1	1	1	1	...	...	...	...	...	1	...	2	1
	172¾		1881	...	...	...	.	...	...	...	...	...	1	...	1	.	...	6		...	...	6	...	6	1
	547	Oudh and Rohilkhand	1880	...	...	1	1	1	1	...		4	1	4	1	.	...	2	1	...	.	2	1	7	3
	547		1881	...	...	...	3	..	3	...	...	1	5	1	5	...	...	2	1	...	...	2	1	3	9
	(b) 676½	Sind, Punjab and Delhi	1880	...	...	1	7	1	7	...	3	7	8	7	11	...	...	2	...	...	1	2	1	10	19
	(c) 663½		1881	...	...	...	1	...	1	...	2	2	2	2	4	...	...	1	...	...	...	1	...	3	5
	858	Madras	1880	...	...	..	...	...	...	...	1	2	5	2	6	...	...	...	1	...	..	...	1	2	7
	858		1881	...	...	...	1	...	1	...	...	...	5	...	5	...	...	1	...	...	...	1	...	1	6
	648	South Indian	1880	...	...	...	1	...	1	...	...	...	5	...	5	...	...	..	1	...	...	...	1	..	7
	655		1881	...	5	...	...	...	5	...	...	1	2	1	2	...	...	2	1	...	...	2	1	3	8
	1,432	Great Indian Peninsula	1880	...	...	...	1	...	1	...	...	3	13	3	13	...	...	3	1	..	...	3	1	6	15
	1,444		1881	...	13	...	1	...	14	...	7	8	27	8	34	1	...	6	1	1	...	8	1	16	49
	444	Bombay, Baroda and Central India	1880	...	...	...	...	...	...	...	...	2	8	2	8	...	...	...	...	...	...	...	...	2	8
	444		1881	...	...	1	1	1	1	...	...	4	4	4	4	.	...	1	1	...	...	1	1	6	6
	28	Calcutta and South-Eastern	1880	...	...	..	..	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...
	28		1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	
	27¼	Nalháti	1880	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
	27¼		1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...
	230	Northern Bengal	1880	...	...	...	1	...	1	1	...	...	...	1	.	...	...	1	...	...	...	1	..	2	1
	233		1881	...	...	...	...	...	...	...	...	...	2	...	2	...	...	2	...	...	...	2	...	2	2
	82	Tirhoot	1880	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	85		1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

State.																								
57	Patna-Gya	1880	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	2	...	2	...
57		1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	Muttra-Háthras	1880	...	...	...	1	...	1	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	1
29		1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1
...	Cawnpore-Farukhabad	1880	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
86		1881	...	...	...	1	...	1	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	1
(d) 561½	Rajputana	1880	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
774½		1881	...	...	...	4	...	4	...	...	2	4	2	4	...	...	1	...	...	...	1	..	3	8
253½	Holkar and Sindia-Neemuch	1880	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
289		1881	...	...	...	...	...	...	...	...	1	3	1	3	...	...	...	1	...	..	...	1	1	4
...	Bhavnagar-Gondal	1880	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
192½		1881	...	...	...	...	...	...	...	...	2	...	2	...	..	...	...	...	..	...	...	...	2	...
45	Wardha Coal	1880	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
45		1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
35	Nágpur-Chhattísgarh	1880	...	...	...	...	...	...	...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	2
71		1881	...	...	...	...	...	...	...	1	...	1	...	2	...	...	...	...	...	...	...	...	...	2
161	Rangoon and Irrawaddy Valley	1880	...	...	...	...	...	...	...	...	1	4	1	4	...	...	...	...	...	...	...	...	1	4
161		1881	...	...	...	...	...	...	1	3	...	3	1	6	...	...	1	...	...	...	1	...	2	6
228	Punjab Northern	1880	...	1	1	...	1	1	1	1	2	...	3	1	1	...	1	...	...	...	2	...	6	2
362¾		1881	...	...	...	2	...	2	...	1	1	...	1	1	...	...	2	...	...	...	2	...	3	3
640	Indus Valley and Kandahar	1880	...	...	1	...	1	...	...	...	3	3	3	3	...	...	1	1	...	...	1	1	5	4
641		1881	...	...	3	...	3	...	...	...	2	...	2	...	...	...	1	...	1	1	2	1	7	1
57¾	Gaekwar of Baroda's	1880	...	...	...	...	...	...	...	...	1	...	1	...	...	...	1	...	...	..	1	..	2	...
59¼		1881	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1
121	Nizam's	1880	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
120½		1881	...	...	...	...	...	...	...	...	...	1	...	1	...	...	1	...	...	...	1	...	1	1
...	Mysore	1880	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
58		1881	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	..	...	...	...	1
...	Kawnia-Dhurla	1880	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...
21		1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8,917½	TOTAL ...	1880	...	1	8	23	8	24	2	8	32	68	34	76	2	...	25	8	1	2	28	10	70	110
9,719		1881	...	19	11	19	11	38	6	34	32	86	38	120	1	...	36	10	2	1	39	11	88	169

(a) Includes the Sindia State Railway (Southern Section.)
(b) Includes 13 miles of the East Indian Railway from Ghaziabad to Delhi, worked by the Sind, Punjab and Delhi Railway Company.
(c) Excludes 13 miles of the East Indian Railway from Ghaziabad to Delhi worked by the Sind, Punjab and Delhi Railway Company.
(d) Includes the Western Rajputana Railway.

TABL

NUMBER of PERSONS reported during the Fourth Quarter of 1881 as KILLED or INJURED on the several RAILWAYS open fo
practicable, the Nature and Causes of th

	RAILWAYS.	PASSENGERS.																																									
		From accidents to trains, &c. See Table No. 4.		From causes other than Accidents to Trains, &c.														Total Passengers.		SE																					
				1. From falling between carriages and platforms.		2. Falling on to the platform, ballast, &c., when getting into, or out of, trains.		3. Whilst crossing the line at stations.		4. By closing of carriage doors.		5. Falling out of carriages during the travelling of trains.		6. Other accidents.		Total.				From accidents to trains, &c. See Table No. 4.		From caus															
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
GUARANTEED.	East Indian (Includes Branch State lines).	...	...	1	...	2	2	...	...	...	...	3	2	1	2	7	6	7	6	5	9	...	3	...	5	...	2	...	...	...	1	...	1									
	Eastern Bengal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...									
	Oudh and Rohilkhand ...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	3	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	3									
	Sind, Punjab and Delhi ...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	...	...	1	2	...	...	...	...	...	...	...	...	...	1									
	Madras	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	...	...	...	1	...	...	...	...	...	...	1	...	...	1									
	South Indian	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	...	...	...	1	...	...	...	...	...	...	...	...									
	Great Indian Peninsula ...	...	13	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	14	...	7	...	3	...	5	...	...	...	...	2	2	...	2									
	Bombay, Baroda and Central India.	...	...	...	1	...	...	...	...	...	...	1	...	...	...	1	1	1	1	...	...	...	1	1	...	...	...	...	...	...	...	...	1									
STATE.	Calcutta and South-Eastern ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...									
	Nalháti	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...									
	Northern Bengal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...									
	Tirhoot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...									
	Patna-Gya	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...									
	Muttra-Háthras	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...									
	Cawnpore-Farukhabad ...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...									
	Rajputana	...	...	...	...	...	1	...	...	...	...	...	3	...	...	...	4	...	4	...	...	...	...	1	...	...	...	...	...	...	2	...	...									
	Holkar and Sindia-Neemuch ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1	...	...	...	...	...	...	...	...									
	Bhavnagar-Gondal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...									
	Wardha Coal	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...									
	Nágpur-Chhattísgarh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...									
	Rangoon and Irrawaddy Valley	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...									
	Punjab Northern	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...									
	Indus Valley and Kandahar ...	...	...	1	...	...	...	...	...	...	...	2	...	...	...	3	...	3	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...									
	Gaekwar of Baroda's ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...									
	Nizam's	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...									
	Mysore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...									
	Kawnia-Dhurla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...									
	TOTAL ... 1881 ...	...	18	2	1	2	3	...	...	...	...	6	13	1	3	11	20	11	38	5	16	2	12	3	13	...	3	1	...	2	6	...	10									
	TOTAL ... 1880 ...	...	1	1	1	2	4	2	...	...	1	2	15	1	2	8	23	8	24	1	2	6	7	1	8	2	3	1	...	6	6	2	11									

No. 2.

Traffic in INDIA, distinguishing between PASSENGERS, RAILWAY SERVANTS, and OTHER PERSONS, and classifying, as far as Accidents occasioning the Death or Injury.

VANTS.																																																	
OTHER THAN ACCIDENTS TO TRAINS, &c.																																																	
7. Whilst braking, spragging or chocking wheels.		8. Whilst working at cranes or capstans.		9. Whilst working on the permanent-way or in sidings.		10. Whilst walking along the line on the way home or to work.		11. Whilst walking, crossing, or standing on the line.		12. Whilst passing between vehicles.		13. Whilst attending to the machinery of engines, cleaning them, &c.		14. Whilst attending to gates at level-crossings.		15. Falling or being caught between vehicles and platforms.		16. Falling off ladders, scaffolds, platforms, &c.		17. By falling of lamps, wagon-doors, timber weights, &c.		18. Whilst coupling or uncoupling wagons.		19. Miscellaneous.		TOTAL.		TOTAL SERVANTS.		OTHERS.														TOTAL ALL CLASSES.	
Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Whilst passing over the line at level-crossings. Killed.	Whilst passing over the line at level-crossings. Injured.	Trespassers. Killed.	Trespassers. Injured.	Suicides. Killed.	Suicides. Injured.	Miscellaneous. Killed.	Miscellaneous. Injured.	TOTAL OTHERS. Killed.	TOTAL OTHERS. Injured.	Killed.	Injured.
...	...	...	...	2	...	2	2	2	2	...	...	...	...	1	...	...	...	...	2	...	...	...	2	1	15	8	35	13	44	...	...	5	4	3	...	...	...	8	4	28	54
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	6	...	...	...	...	...	6	...	6	1
...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	5	1	5	...	...	...	1	2	...	...	...	2	1	3	9
...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	2	4	2	4	...	...	1	...	...	...	...	...	1	...	3	5
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	5	...	5	...	...	1	...	...	...	...	...	1	...	1	6
...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	2	1	2	...	...	2	1	...	...	...	...	2	1	3	8
...	1	...	1	...	1	...	...	2	2	...	1	...	...	...	...	...	...	...	1	...	...	3	7	1	1	8	27	8	34	1	...	6	1	...	...	1	...	8	1	16	49
...	...	...	...	...	...	...	...	2	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	4	4	4	...	...	1	1	...	...	...	...	1	1	6	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	2	...	2	...	...	2	...	...	...	...	...	2	...	2	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	1	1
...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	2	4	2	4	...	...	1	...	...	...	...	...	1	...	3	8
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	3	1	3	...	...	...	1	...	...	...	...	...	1	1	4
...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	...	...	2	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
...	...	...	2	...	1	1	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	1	6	1	6	...	...	1	.	...	...	...	...	1	...	2	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	1	1	1	...	...	2	...	...	...	...	...	2	...	3	3
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	...	...	...	1	...	...	...	1	1	2	1	7	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	1	...	...	...	...	...	1	...	1	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	...	3	3	4	3	2	10	7	1	1	...	4	1	1	...	1	...	5	...	...	4	13	3	18	33	104	38	120	1	...	31	10	5	...	2	1	39	11	88	169
...	...	3	...	2	1	...	8	4	...	1	...	10	1	...	...	2	1	3	...	2	1	6	3	6	33	74	34	76	2	...	21	8	4	...	1	2	28	10	70	110

TABLE No. 3.

ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the Fourth Quarter of 1881 as having occurred on the several RAILWAYS open for Traffic in INDIA, distinguishing the different Classes of Accidents, and the Number of Passengers and Others, and of Railway Servants, KILLED or INJURED in each Class of Accidents.

SEE ALSO TABLE No. 4.

	East Indian (Includes Branch State lines.)							Eastern Bengal.							Oudh and Rohilkhand.							Sind, Punjab and Delhi.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	9	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	2	...	...	...	...	...	...	...	..	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	2	...	...	...	...	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...
9. Ditto over cattle on the line	13	...	...	...	...	...	...	4	...	...	...	...	...	..	8	...	...	...	...	...	...	7	...	...	...	...	...	...
10. Ditto over obstructions on the line	4	...	...	...	...	...	...	1	...	...	...	...	...	...	3	...	...	...	...	...	...	5	...	..	...	...	...	...
11. Ditto through gates at level-crossings	...	...	...	...	...	...	...	1	...	...	...	...	...	...	2	...	...	...	...	...	...	2	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	36	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	...	...	...	...	...	...
14. Ditto of tyres	1	...	...	1	5	1	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	..	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25. Other accidents	2	...	...	4	4	4	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	...	...	...	...	...
TOTAL ALL CLASSES ...	45	...	...	5	9	5	9	13	...	...	...	...	...	...	16	...	...	...	...	...	...	99	...	...	...	...	...	...
Number of Passenger miles	167,036,115							25,099,406							35,812,045							55,410,681						
Do. of Servants employed	207,69							5,437							5,062							14,898						
Train mileage of all descriptions	2,157 325							209,026							385,909							705,940						

SEE ALSO TABLE No. 4.

	Madras.							South Indian.							Great Indian Peninsula.							Bombay, Baroda and Central India.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	13	...	3	...	16	3	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	1	...	...	...	...	...	...	1	...	...	...	...	...	...	2	...	...	...	...	...	...	2	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	4	...	...	...	...	...	...	1	...	...	...	...	...	...	5	...	...	...	...	...	...	8	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	1	...	5	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Ditto over cattle on the line	14	...	...	...	...	...	...	27	...	...	...	...	...	...	9	...	...	...	...	...	...	2	...	...	...	...	...	...
10. Ditto over obstructions on the line	3	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	2	...	...	...	...	...	...
11. Ditto through gates at level-crossings	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	1	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...	5	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	2	...	...	...	...	...	...	1	...	...	...	...	...	...	13	...	...	...	...	...	...	...	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...
25. Other accidents	1	...	...	...	...	...	...	1	...	...	...	...	...	...	5	...	...	...	4	...	4	...	...	...	...	...	...	...
Total all Classes ...	25	...	...	...	..	...	...	39	...	5	...	...	...	5	48	...	13	...	7	...	20	21	...	...	...	...	...	...
Number of Passenger miles	47,195,676							32,932,726							80,104,119							57,413,764						
Do. of Servants employed	5,757							7,298							21,575							5,785						
Train mileage of all descriptions	487,134							304,947							2,160,391							403,594						

TABLE No. 3.—ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the Fourth Quarter of 1881, &c.—*continued.*

SEE ALSO TABLE No. 4.

	Calcutta and South-Eastern.							Nalhati.							Northern Bengal.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	..	...	...	...	...	...	...	..	...	...	1	...	...	...	...	...	...
4. Collisions between light engines	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	...	...	...	...	..	...	...	...	...	...	...	...	...	..	...	..	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails ...	1	...	...	...		...	...	1	...	...	...	...	...	...	2	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	...	...	...	..	.	...	..	...	...	...	...	...	...	...	1	...	...	...	...	...	..
8. Trains running into stations or sidings at too high a speed	...	...	...	..	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Trains running over cattle on the line ...	...	...	...	...	...	...	..	1	...	...	...	...	...	...	6	...	...	...	...	...	...
10. Ditto over obstructions on the line ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...
11. Ditto through gates at level-crossings	...	...	...	..	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	...	...	...	..	...	..	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	..	...	..	...	...	...	...	...	...	...	...	...	...	...	...	..
15. Ditto of wheels...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	1	...	.	...	...	...	...	1	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments ...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	...	..	...	...	...	...	...	...	..	..	...	...	..	...	...	...	...	.	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...
25. Other accidents	1	...	..	...	...	...	...	...	...	...		...	...	...	2	...	...	...	...	...	...
TOTAL ALL CLASSES ...	2	...	...	...	..	...	...	4	...	...	...	...	...	..	19	...	...	...	...	...	...
Number of Passenger miles	1,483,961							62,440							6,746,509						
Do. of Servants employed	180							180							1,627						
Train mileage of all descriptions ...	9,744							10,191							162,683						

	Tirhoot.							Patna-Gya.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	..	...	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails ...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	1	...	...	...	...	...	...	1	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Trains running over cattle on the line ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10. Ditto over obstructions on the line ..	...	...	...	...	...	...	...	1	...	...	...	...	...	...
11. Ditto through gates at level-crossings	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...	4	...	...	.	...	...	...
14. Ditto of tyres	5	...	...	...	...	...	...	2	...	...	...	...	...	...
15. Ditto of wheels...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	..	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...		...	...
18. Ditto of couplings	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments ...	...	..	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	1	...	...	...	...	...	...	...	...	...	...	...	...	...
25. Other accidents	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL ALL CLASSES ...	8	...	...	...	...	...	...	9	...	...	...	...	...	...
Number of Passenger miles	3,827,408							5,647,262						
Do. of Servants employed	811							488						
Train mileage of all descriptions ...	46,582							28,852						

TABLE No. 3.—ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the Fourth Quarter of 1881, &c.—*continued.*

SEE ALSO TABLE No. 4.

	Muttra-Hathras.							Cawnpore-Farukhabad.							Rajputana.							Holkar and Sindia-Neemuch.							Bhavnagar-Gondal.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Trains running over cattle on the line ...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	33	...	...	...	...	...	...	6	...	...	...	...	...	...	3	...	...	...	...	...	...
10. Ditto over obstructions on the line...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11. Ditto through gates at level-crossings	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25. Other accidents	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL ALL CLASSES ...	6	...	...	...	...	...	...	5	...	...	...	...	...	...	70	...	...	...	...	...	...	9	...	...	...	...	...	...	3	...	...	...	...	...	...
Number of Passenger miles	1,379,615							3,507,748							50,878,043							16,357,909							10,437,410						
Do. of Servants employed	107							385							7,404							2,292							521						
Train mileage of all descriptions ...	11,020							34,768							870,031							181,704							84,200						

TABLE No. 3.—ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the Fourth Quarter of 1881, &c.—*continued.*

SEE ALSO TABLE No. 4.

	Wardha Coal.							Nagpur-Chhattisgarh.							Rangoon and Irrawaddy Valley.							Punjab Northern.							Indus Valley and Kandahar.						
	No	Number of Passengers and others		Number of Servants.		Total all Classes.		No.	Number of Passengers and others		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	...	...	...	...	...	6	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	6	...	...	...	...	...	...
9. Trains running over cattle on the line ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10. Ditto over obstructions on the line...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	9	...	...	...	...	...	...	41	...	...	...	...	...	...
11. Ditto through gates at level-crossings	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	4	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	...	...	...	...	...
14. Ditto of tyres								1	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	28	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
22 Slips in cuttings or embankments ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	...	...	...	...	...	26	...	...	...	...	...	...
25. Other accidents	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	...	...	...	...	...	7	...	...	...	...	...	...
TOTAL ALL CLASSES ...	11	...	...	...	..	...	...	9	...	...	...	...	...	...	1	...	...	...	..	...	...	38	..	...	...	...	...	...	129	...	..	...	...	...	...
Number of Passenger miles	719,018							2,140,740							12,753,197							21,161,114							21,533,962						
Do. of Servants employed	389							1,020							1,190							7,585							5,044						
Train mileage of all descriptions	19,228							24,352							94,524							244,070							479,725						

TABLE No. 3.—ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the Fourth Quarter of 1881, &c. —*concluded.*

SEE ALSO TABLE No. 4.

	Gaekwar of Baroda's.							Nizam's.							Mysore.							Kawnia-Dhurla.							Total all Railways.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18	...	13	...	3	...	16
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17	...	...	...	...	...	...
4. Collisions between light engines ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	72	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	5	...	...	...	5
9. Trains running over cattle on the line ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	1	...	...	...	...	...	...	191	...	...	...	...	...	...
10. Ditto over obstructions on the line ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	38	...	...	...	...	...	...
11. Ditto through gates at level-crossings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	52	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	62	...	...	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	1	5	1	5
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	...	...	...	...	...
21. The flooding of portions of permanent-way ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	...	...	...	...	...
22. Slips in cuttings or embankments ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
23. Fire in trains	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	56	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	...	...	...	...
25. Other accidents	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	36	...	...	4	8	4	8
TOTAL ALL CLASSES ...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	6	...	...	...	...	...	...	3	...	...	...	...	...	...	640	...	18	5	16	5	34
Number of Passenger miles ...	1,549,901							6,271,070							1,913,015							149,426							669,524,280						
Do. of Servants employed ...	179							755							528							115							117,381						
Train mileage of all descriptions ...	12,445							66,256							23,026							3,794							9,221,461						

TABLE

ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., on the several RAILWAYS open for Traffic in INDIA during the

Number of RAILWAY

	RAILWAYS.	1. Collisions between passenger trains, or parts of passenger trains.	2. Collisions between passenger trains, and goods, or mineral trains, engines and vehicles standing foul of the line.	3. Collisions between goods trains, or parts of goods trains.	4. Collisions between light engines.	5. Passenger trains, or parts of passenger trains, leaving the rails.	6. Goods trains, or parts of goods trains, engines, &c., leaving the rails.	7. Trains or engines travelling in the wrong direction through points.	8. Trains running into stations or sidings at too high a speed.	9. Trains running over cattle on the line.	10. Trains running over obstructions on the line.	11. Trains running through gates at level-crossings.	12. The bursting of boilers or tubes, &c., of engines.	13. The failure of machinery, springs, &c., of engines.	14. The failure of tyres.	15. The failure of wheels.	16. The failure of axles.	17. The failure of brake apparatus.	18. The failure of couplings.	19. The failure of tunnels, bridges, viaducts, culverts, &c.	20. Broken rails.
GUARANTEED.	East Indian (Includes Branch State lines)...	...	9	...	...	2	4	2	...	13	4	...	...	...	1	...	...	...	3	...	...
	Eastern Bengal	...	1	...	...	...	...	...	...	4	1	1	...	...	...	...	6	...	...	...	...
	Oudh and Rohilkhand	...	1	...	...	1	...	...	...	8	3	2	...	...	...	...	...	...	...	...	1
	Sind, Punjab and Delhi	...	1	6	...	1	18	1	...	7	5	2	36	9	2	...	...	...	1	...	...
	Madras	...	...	...	...	1	4	...	...	14	3	...	...	...	...	...	...	...	...	...	...
	South Indian	...	...	...	...	1	1	...	1	27	...	1	...	...	...	...	1	...	...	...	...
	Great Indian Peninsula	...	2	3	...	2	5	...	...	9	2	1	...	...	...	...	3	.	...	...	...
	Bombay, Baroda and Central India ...	...	3	...	...	2	8	...	...	2	2	1	...	1	1	...	...	...	...	...	...
STATE.	Calcutta and South-Eastern	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nalháti	...	...	...	...	...	1	...	...	1	...	1	...	...	...	...	...	...	1	...	...
	Northern Bengal	...	...	1	...	...	2	1	...	6	2	1	...	3	...	...	...	...	1	...	...
	Tirhoot	...	...	...	...	1	1	...	...	...	...	...	..	5	...	...	...	...	...	...	...
	Patna-Gya	...	...	...	...	...	1	...	...	1	...	...	4	2	...	...	...	...	...	...	...
	Muttra-Háthras	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	..	...	...	5
	Cawnpore-Farukhabad	...	...	...	...	1	...	...	...	1	1	1	...	...	...	...	...	...	...	...	...
	Rajputana	...	...	3	...	1	5	2	...	33	0	...	2	3	...	2	2	...	8	...	...
	Holkar and Sindia-Neemuch	...	...	...	...	...	1	...	...	6	...	1	...	...	...	...	...	...	...	...	1
	Bhavnagar-Gondal	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...
	Wardha Coal	...	...	...	...	...	...	...	...	...	...	1	3	5	...	...	...	...	...	...	...
	Nágpur-Chhattísgarh	...	...	...	...	...	6	...	...	1	...	...	...	1	...	...	...	...	...	...	...
	Rangoon and Irrawaddy Valley ...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
	Punjab Northern	...	...	4	...	...	7	1	...	9	1	1	...	3	...	...	...	...	...	...	...
	Indus Valley and Kandahar	...	1	...	...	...	6	6	...	41	4	...	7	28	...	...	...	...	2	...	1
	Gaekwar of Baroda's	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nizam's	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
	Mysore	...	...	...	...	...	1	...	...	3	...	...	...	...	...	...	...	...	...	...	...
	Kawnia-Dhurla	...	...	...	...	...	...	...	...	1	...	...	...	2	...	...	...	...	..	...	...
	TOTAL 1881 ...	...	18	17	...	13	72	13	1	191	38	14	52	62	4	2	12	..	17	...	8
	TOTAL 1880 ...	...	16	35	5	20	80	18	2	208	24	17	30	46	5	4	10	...	11	...	14

No. 4.

Fourth Quarter of 1881, distinguishing the different Classes of ACCIDENTS, the Number of PASSENGERS and OTHERS, and the SERVANTS Killed or Injured thereby.

21. The flooding of portions of permanent-way.	22. Slips in cuttings or embankments.	23. Fire in trains.	24. Fire at stations, or involving injury to bridges or viaducts.	25. Other accidents.	Total all Classes.	Number of Passengers and others.		Number of Servants.		Total all Classes.		Mean miles of Railway open.	Number of Passengers carried.	Train mileage of all descriptions.	Passenger mileage.	Per mile open.			Total passengers.			
																Number of passengers carried.	Train mileage of all descriptions.	Passenger mileage.	Per million of passengers.		Per million of passenger miles.	
						Killed.	Injured.	Killed.	Injured.	Killed.	Injured.								Killed.	Injured.	Killed.	Injured.
1	...		3	2	45	...	...	5	9	5	9	1,594	2,132,730	2,157,325	167,036,115	1,338	1,353	104,790	...	..	...	...
...	...	...	...	...	13	...	...	...	...	...	...	172¾	609,206	209,026	25,099,406	3,527	1,210	145,293	...	...	...	...
...	...	...	...	...	16	...	...	...	...	...	...	547	633,735	385,909	35,812,045	1,159	706	65,470	...	...	...	...
...	...	3	...	7	99	...	...	...	...	...	...	663½	923,095	705,940	55,410,681	1,391	1,064	83,513	...	...	...	...
...	...	2	...	1	25	...	...	...	...	...	...	858	1,017,366	487,134	47,195,676	1,186	568	55,007	...	...	...	...
5	..	1	...	1	39	...	5	..	...	...	5	655	888,928	304,947	32,932,726	1,357	466	50,279	...	5·625	...	0·152
1	1	13	1	5	48	...	13	...	7	...	20	1,444	1,402,550	2,160,391	80,104,119	971	1,496	55,474	...	9·268	...	0·162
...	...	...	1	..	21	...	...	...	...	...	...	444	1,956,541	403,594	57,413,764	4,407	909	129,310	...	...	...	...
...	...	...	...	1	2	...	...	...	...	...	...	28	164,269	9,744	1,483,961	5,867	348	52,998	...	...	...	...
...	...	...	...	...	4	...	...	...	...	...	...	27¼	29,659	10,191	62,440	1,088	374	2,291	...	...	...	...
...	..	...	...	2	19	...	...	...	...	...	...	233	190,016	162,683	6,746,509	816	698	28,955	...	..	...	...
...	...	1	...	...	8	...	...	...	..	...	...	85	110,175	46,582	3,827,408	1,296	548	45,028	...	...	...	...
...	...	...	...	1	9	...	...	...	...	...	...	57	145,351	28,852	5,647,262	2,550	506	99,075	...	...	...	...
...	...	...	...	...	6	...	...	...	...	...	...	29	83,170	11,020	1,379,615	2,868	380	47,573	...	...	...	...
...	...	...	...	1	5	...	...	...	...	...	...	86	130,700	34,768	3,507,748	1,520	395	40,788	...	...	...	...
...	...	...	...	...	70	...	...	...	...	...	...	774½	863,298	870,031	50,878,043	1,114	1,123	65,691	...	...	...	...
...	...	...	...	...	9	...	...	...	...	...	...	289	354,696	181,704	16,357,909	1,227	613	56,602	...	...	...	...
...	...	...	...	...	3	...	...	...	..	...	...	192½	212,765	84,200	10,437,410	1,105	437	54,220	...	...	...	...
...	..	1	...	1	11	...	...	...	...	...	...	45	30,081	19,228	719,018	668	427	15,978	...	...	...	...
...	...	...	...	1	9	...	...	...	...	...	...	71	129,755	24,352	2,140,740	1,813	343	30,151	...	...	...	...
...	...	...	...	...	1	...	...	...	..	...	...	161	354,667	94,524	12,753,197	2,203	587	79,212	...	...	...	...
...	...	6	...	6	38	...	...	...	...	...	...	362¾	418,895	244,070	21,161,114	1,155	673	58,335	...	...	...	...
...	...	26	...	7	129	...	...	..	..	...	...	641	354,157	479,725	21,533,962	553	748	33,594	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	59¼	75,694	12,445	1,549,901	1,277	210	26,159	...	...	...	...
..	...	1	...	...	2	...	...	...	...	...	...	120½	104,029	66,256	6,271,070	863	549	52,042	...	...	...	...
1	...	1	...	...	6	...	...	...	...	...	...	58	53,034	23,026	1,913,015	914	397	32,983	...	...	...	...
...	...	...	...	...	3	...	...	...	...	...	...	21	9,184	3,794	149,426	437	181	7,116	...	...	...	..
8	1	56	5	36	640	...	18	5	16	5	34	9,719	13,377,746	9,221,461	669,524,280	1,376	949	68,888	...	1·346	...	0·027
2	20	47	5	35	654	...	1	1	2	1	3	8,917¼	12,453,441	7,820,884	635,738,543	1,399	878	77,023	...	0·080	...	0·002

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

No. XV of 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 16th April 1881.		Total mean length open.	Receipts for week ending 15th April 1882.		Total Receipts from 1st to 16th April 1881.		Total Receipts from 1st to 15th April 1882.		Total Increase in 1881-82.	Total Decrease in 1881-8
			Total.	Per mile open.		Total.	Per mile open.	Total.	Per mile open per week.	Total.	Per mile open per week.		
	Guaranteed.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
22nd April 1882	Eastern Bengal ...	176	54,048	307	172	73,580	428	1,35,770	337	1,60,353	435	24,583	...
15th ditto ...	Oudh and Rohilkhand	547	1,11,487	204	547	1,11,857	204	2,79,879	224	2,39,821	204	...	40,0
15th ditto ...	Sind, Punjab & Delhi	676	2,15,577	319	676	2,03,414	301	5,02,741	326	4,73,473	327	...	29,2
15th ditto ...	Madras ...	858	1,11,363	130	858	1,22,624	143	2,84,646	145	2,76,602	150	...	8,0
15th ditto ...	South Indian ...	655	81,532	124	655	70,305	107	1,70,879	114	1,48,922	106	...	21,9
15th ditto ...	Great Indian Peninsula	1,448	8,17,673	565	1,446	10,37,768	718	17,49,680	529	21,01,866	678	3,52,186	...
15th ditto ...	Bombay, Baroda and Central India ...	444	2,85,093	642	461	2,73,132	592	6,22,868	614	5,57,987	565	...	64,8
	TOTAL ...	4,804	16,76,773	349	4,815	18,92,680	393	37,46,463	341	39,59,024	384	2,12,561	...
	State.												
22nd April 1882	East Indian ...	1,507	7,96,921	529	1,507	8,75,849	581	18,77,662	545	19,51,345	604	73,683	...
15th ditto ...	Calcutta and South-Eastern ...	28	2,452	88	28	2,549	91	5,819	91	5,939	99	120	...
15th ditto ...	Nalhati ...	27	1,195	44	27	1,340	50	2,679	43	2,943	50	264	...
15th ditto ...	Northern Bengal ...	231	26,318	114	233	36,120	155	64,905	123	81,044	162	16,139	...
15th ditto ...	Tirhoot ...	82	13,591	166	85	13,203	155	29,950	160	28,168	155	...	1,3
15th ditto ...	Patna-Gya ...	57	11,549	203	57	11,232	197	26,672	204	25,290	207	...	1,3
15th ditto ...	Muttra-Hathras ...	29	2,371	82	29	2,476	85	5,435	82	5,500	88	65	...
15th ditto ...	Cawnpore-Farukhabad	86	5,513	64	86	5,971	69	12,204	62	12,886	70	682	...
15th ditto ...	Dildarnagar-Ghazipur	12	859	71	12	835	69	1,758	64	1,958	76	200	...
22nd ditto ...	Rajputana-Malwa ...	1,016	1,62,654	160	1,117	2,47,814	222	3,97,499	171	5,09,248	213	1,11,749	...
15th ditto ...	Wardha Coal ...	45	8,520	189	45	13,158	292	22,166	216	27,717	288	5,551	...
15th ditto ...	Nagpur & Chhattisgarh	66	5,965	90	98	20,995	214	12,786	85	44,365	211	31,579	...
15th ditto ...	Rangoon and Irrawaddy Valley ...	161	36,900	229	161	49,449	307	1,00,832	275	1,04,874	304	4,042	...
22nd ditto ...	Sindia ...	70	3,925	56	75	6,167	82	10,264	64	15,755	98	5,491	...
15th ditto ...	Punjab Northern ...	363	70,849	195	368	80,312	218	1,95,000	235	1,77,704	225	...	17,2
15th ditto ...	Indus Valley and Kandahar ...	660	95,561	145	660	64,300	97	2,49,335	165	1,42,482	101	...	1,06,8
22nd ditto ...	Muttra-Achneyra ...	...	...	...	23	1,183	51	...	...	2,338	48	2,338	...
	TOTAL ...	2,933	4,48,222	153	3,104	5,57,104	179	11,37,304	169	11,88,211	179	50,907	...
	Native States.												
15th April 1882	Bhavnagar-Gondal ...	192	22,423	117	194	30,173	156	48,091	109	61,785	148	13,694	...
15th ditto ...	Nizam's ...	121	19,832	164	121	16,332	135	43,041	154	33,960	131	...	9,0
1st ditto ...	Mysore ...	58	2,229	39	...	(a)...	...	(b)2,951	40	(c)697	8	...	2,2
	TOTAL ...	371	44,484	120	315	46,505	148	94,083	111	96,442	143	2,359	...
	GRAND TOTAL ...	9,615	29,66,400	308	9,741	33,72,138	346	68,55,512	311	71,95,022	351	3,39,510	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	32,22,091	146	34,53,611	169	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	36,33,421	165	37,41,411	182	1,07,990	...

(a) Return not received. (b) Total receipts from 1st to 9th April 1881. (c) Receipts for the 1st day of April 1882.

No. XVI of 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for the first 9 days of April 1881.		Total mean length open.	Receipts for the first 8 days of April 1882.		Total Receipts from 1st to 9th April 1881.		Total Receipts from 1st to 8th April 1882.		Total Increase in 1881-82.	Total Decrease in 1881-82.
			Total.	Per mile open.		Total.	Per mile open.	Total.	Per mile open per week.	Total.	Per mile open per week.		
			Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	Guaranteed.												
22nd Apl. 1882	Eastern Bengal ...	176	81,722	464	172	86,773	504	81,722	361	86,773	442	5,051	...
15th ditto ...	Oudh and Rohilkhand	547	1,68,392	308	547	1,27,964	234	1,68,392	239	1,27,964	204	...	40,428
15th ditto ...	Sind, Punjab & Delhi	676	2,87,164	425	676	2,70,059	399	2,87,164	330	2,70,059	349	...	17,105
15th ditto ...	Madras ...	858	1,73,283	202	858	1,53,978	179	1,73,283	157	1,53,978	157	...	19,305
15th ditto ...	South Indian ...	655	89,347	136	655	78,617	120	89,347	106	78,617	105	...	10,730
15th ditto ...	Great Indian Peninsula	1,448	9,32,007	644	1,446	10,64,098	736	9,32,007	501	10,64,098	644	1,32,091	...
15th ditto ...	Bombay, Baroda and Central India ...	444	3,37,775	761	461	2,84,855	618	3,37,775	591	2,84,855	540	...	52,920
	Total ...	4,804	20,69,690	431	4,815	20,66,344	429	20,69,690	335	20,66,344	375	...	3,346
	State.												
22nd Apl. 1882	East Indian ...	1,507	10,80,741	717	1,507	10,75,496	714	10,80,741	558	10,75,496	624	...	5,245
15th ditto ...	Calcutta and South-Eastern ...	28	3,367	120	28	3,390	121	3,367	94	3,390	106	23	...
15th ditto ...	Nalhati ...	27	1,484	55	27	1,603	59	1,484	43	1,603	52	119	...
15th ditto ...	Northern Bengal ...	231	38,587	167	233	44,924	193	38,587	130	44,924	169	6,337	...
15th ditto ...	Tirhoot ...	82	16,359	199	85	14,965	176	16,359	155	14,965	154	...	1,394
15th ditto ...	Patna-Gya ...	57	15,123	265	57	14,058	247	15,123	206	14,058	216	...	1,065
15th ditto ...	Muttra-Hathras ...	29	3,064	106	29	3,024	104	3,064	83	3,024	91	...	40
15th ditto ...	Cawnpore-Farukhabad	86	6,691	79	86	6,915	80	6,691	62	6,915	70	224	...
15th ditto ...	Dildarnagar-Ghazipur	12	899	75	12	1,123	93	899	58	1,123	82	224	...
22nd ditto ...	Rajputana-Malwa ...	1,016	2,34,845	231	1,117	2,61,434	234	2,34,845	180	2,61,434	205	26,589	...
15th ditto ...	Wardha Coal ...	45	13,646	303	45	14,559	324	13,646	236	14,559	283	913	...
15th ditto .	Nagpur & Chhattisgarh	66	6,821	103	98	23,370	238	6,821	80	23,370	209	16,549	...
15th ditto ...	Rangoon and Irrawaddy Valley ...	161	63,932	397	161	55,425	344	63,932	309	55,425	301	...	8,507
22nd ditto ...	Sindia	70	6,339	91	75	9,588	128	6,339	71	9,588	112	3,249	...
15th ditto ...	Punjab Northern ...	363	1,24,151	342	368	97,392	265	1,24,151	266	97,392	232	...	26,759
15th ditto ..	Indus Valley & Kandahar	660	1,53,774	233	660	78,182	118	1,53,774	181	78,182	104	...	75,592
22nd ditto ...	Muttra-Achneyra ...	...	...	...	23	1,155	50	...	...	1,155	44	1,155	...
	Total ...	2,933	6,89,082	235	3,104	6,31,107	203	6,89,082	183	6,31,107	178	...	57,975
	Native States.												
15th Apl. 1882	Bhavnagar-Gondal ...	192	25,668	134	194	31,612	163	25,668	104	31,612	143	5,944	...
15th ditto ...	Nizam's ...	121	23,209	192	121	17,628	146	23,209	149	17,628	127	...	5,581
1st ditto ...	Mysore ...	58	2,951	51	86	(a) 697	8	2,951	40	697	8	...	2,254
	Total ...	371	51,828	140	401	49,937	125	51,828	109	49,937	109	...	1,891
	GRAND TOTAL ...	9,615	38,91,341	405	9,827	38,22,884	389	38,91,341	315	38,22,884	340	...	68,457
	Gross estimated Expenses ...	...	...	...	...	...	...	18,28,930	148	18,34,984	163	...	...
	Net Receipts ...	...	...	...	...	...	...	20,62,411	167	19,87,900	177	...	74,511

(a) Receipts for the first day of April 1882.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION OPERATIONS OF FASL RABI, N.-W. PROVINCES, 1882, UP TO 31st MARCH 1882.

Canal Division.	Water distributed during March 1882. Depth in canal at regulating gauge in feet. Full supply.	Actual average throughout.	Gross consumption, cubic feet per second. Allotted discharge.	Actual average throughout.	Total area of irrigation during current fasl.	Total area for the corresponding period of last year.
Upper Ganges. Northern	10·00	...	740	422	49,257	24,444
Anúpshahr	6·80	...	700	786	68,645	46,897
Meerut	8·30	...	969	1,499	91,323	54,163
Bulandshahr	7·35	...	972	731	102,177	80,648
Aligarh	5·50	...	994	508	138,007	124,733
Lower Ganges. Narora	...	...	...	177	21,921	14,295
Mainpuri	...	...	...	110	62,263	51,349
Cawnpore	6·20	...	958	572	107,017	108,300
Etáwah	4·80	...	771	843	154,942	157,942
Bhognipur	...	...	...	369	49,801	36,250
Total, Upper and Lower Ganges Canals	...	...	...	6,017	845,353	699,021
Eastern Jumna Canal	...	...	1,250	762	149,861	121,230
Agra Canal	...	...	2,000	851	78,924	95,216
Rohilkhand	...	...	...	40	56,711	32,186
Bijnor	...	...	...	...	2,600	2,401
Dún	...	...	...	111	7,566	5,901
Jhánsi	...	...	...	...	522	315
Hamírpur	...	...	...	...	94	442
Total	...	...	...	...	1,141,631	956,712

Zila.	Land irrigated (approximate). Wheat.	Barley.	Gram.	Other food-grains.	Miscellaneous.	Total.	Rainfall. Total from 1st October 1881 to 31st March 1882.	Average of ten previous years for the same period.
Saháranpur	60,412	593	698	607	1,797	64,107	2·2	1·0
Muzaffarnagar	93,773	1,218	1,753	3,[illegible]24	3,577	103,345	1·3	·85
Meerut	147,922	7,041	2,187	12,329	2,238	171,717	1·6	·78
Bulandshahr	75,823	23,264	2,018	14,874	2,116	118,095	·25	·44
Aligarh	60,010	23,811	3,478	7,469	4,350	99,118	·4	·35
Muttra	7,072	6,608	9,497	5,861	5,887	34,925	·1	·22
Agra	7,998	3,038	2,218	6,559	2,857	22,670	·2	·14
Etah	35,873	17,415	1,994	4,107	3,273	62,662	·2	·31
Mainpuri	59,305	30,068	1,382	2,805	3,635	97,195	·25	·22
Fatehgarh	21,335	17,959	184	1,946	2,109	43,533	·2	·11
Etáwah	60,649	44,173	4,491	312	5,683	115,308	...	·28
Cawnpore	41,895	68,520	937	2,402	3,068	116,822	·2	·01
Delhi	61	34	67	170	...	332	1·0	·63
Gurgaon	7,302	3,255	5,496	7,925	331	24,309	·4	·63
Dehra Dún	6,483	135	85	413	450	7,566	3·8	1·7
Bijnor	1,504	79	61	444	512	2,600	1·5	·83
Tarái	3,500	...	...	750	1,250	5,500	2·3	·92
Pilibhit	4,000	...	...	375	811	5,186	·4	·11
Bareilly	22,001	...	...	16,149	7,875	46,025	·6	·49
Jhánsi	93	24	283	115	7	522	·8	·19
Hamírpur	...	78	...	...	16	94	·1	·01
Total	717,011	247,313	36,829	88,636	51,842	1,141,631	...	..
Total for the same period last year	547,145	253,975	25,260	67,279	63,053	956,712	...	...
Increase	169,866	...	11,569	21,357	...	184,919	...	...
Decrease	...	6,662	...	...	11,211	...	...	...

Remarks.

			Cubic feet per second.
Entering head of Ganges Canal			5,460
" Lower Ganges Canal			3,497
			8,957
Expended—			
Ganges Canal		3,946	
Lower Ganges Canal		2,071	
		6,017	
Escapes—			
Anúpshahr Branch	33		
Meerut Division, Ganges Canal	10		
Bulandshahr ditto	1		
Aligarh ditto	1,470		
Nadrai escape	6		
Mile 34, Lower Ganges Canal	206		
Mainpuri Division, Lower Ganges Canal	342		
Cawnpore ditto	455		
Etáwah ditto	35		
Bhognipur ditto	382		
		2,940	
			8,957

Executive Engineer, Northern Division, Ganges Canal, reports that no irrigation was effected during the month.

Executive Engineer, Mainpuri Division, Lower Ganges Canal, reports that the rabi crops are nearly all cut, and that "paleo" for indigo is progressing.

Executive Engineer, Rohilkhand Canals, reports that there was a slight demand for filling tanks for domestic purposes, watering cattle, &c.

The following additional kharif irrigation was effected during the month.

	Saháranpur.	Muzaffar-nagar.	Meerut.	Buland-shahr.	Aligarh.	Etah.	Total.
Gardens and orchards	...	...	.	...	...	74	74
Sugarcane	2,894	3,503	6,398	3,436	123	871	17,224
Rice	...	...	...	...	...	...	1
Indigo	80	11	3,009	6,528	477	469	10,574
Other food grains	1	1	11	27	...	146	186
Fodder crops	4	3	8	...	...	...	15
Tobacco	...	...	...	...	...	20	20
Watered once, &c.	...	...	...	...	...	426	426
Miscellaneous	153	229	71	5	...	...	458
Total	3,132	3,747	9,497	9,996	600	2,006	28,978

Abstract.

Bulandshahr Division, Ganges Canal	15,038
Narora Division, Lower Ganges Canal	2,006
Eastern Jumna Canal	11,934
Total	28,978

Allahabad,
The 25th April 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. and Oudh,
P. W. D., Irrigation Branch.

STATEMENT OF TRAFFIC ON THE AGRA CANAL FOR THE MONTH

STATEMENT OF TRAFFIC ON THE AGRA CANAL FOR THE MONTH OF MARCH 1882.

Nature of Traffic.	Agra Canal. Principal items of Traffic. Up.		Down.		Total up and down.	
	Mds.	No.	Mds.	No.	Mds.	No.
Grains—						
Wheat	...	...	9,348	...	9,348	...
Gram	...	...	400	...	400	...
Rice	...	...	...	...	...	...
Paddy or dhán	...	...	...	...	...	...
Bejhar or mixed grain	...	...	...	...	...	...
Dal—						
Urd	...	...	...	...	...	...
Mung	...	...	...	...	...	...
Arhar	...	...	...	...	...	...
Masuri	...	...	...	...	...	...
Juár	...	...	2,950	...	2,950	...
Bájra	...	...	...	...	...	...
Maize or Indian-corn	...	...	...	...	...	...
Barley	...	...	...	...	...	...
Total	...	...	12,698	...	12,698	...
Cotton	...	...	108	...	108	...
Oilseeds	...	...	...	...	...	...
Salt	...	...	...	...	...	...
Metals	...	...	...	...	...	...
Building materials	14,660	...	2	...	14,662	...
Miscellaneous goods	1,541	...	1,550	...	3,091	...
Firewood	...	...	...	...	...	...
Bamboos	...	...	...	...	...	...
Timber—						
Poles and unsquared timber	...	...	...	...	...	...
Karis and squared timber	...	...	...	...	...	...
Logs	...	...	...	...	...	...
Miscellaneous timber	...	...	...	...	...	...
Live-stock	...	...	...	...	...	...
Grand Total	16,201	...	14,358	...	30,559	...
Total during corresponding period of last year	11,782	...	13,612	...	25,394	...
Increase	4,419	...	746	...	5,165	...
Decrease	...	...	...	...	...	...

Remarks.

Particulars.	Agra Canal. 1881.	1882.
Tonnage, including weight of timber and bamboos	907	1,122
Ton mileage	104,120	128,263
Value of goods Rs.	61,119	44,431
Number of passengers	...	...

Allahabad,
The 25th April 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N. W. P. and Oudh,
P. W. D., Irrigation Branch.

STATEMENT OF TRAFFIC ON UPPER AND LOWER GANGES CANALS FOR THE MONTH OF MARCH 1882.

	UPPER GANGES CANAL. Principal items of local Traffic.						LOWER GANGES CANAL. Principal items of local Traffic.						UPPER AND LOWER GANGES CANALS. Principal items of through Traffic.						UPPER AND LOWER GANGES CANALS. Principal items of local and through Traffic.						Remarks.
	Up.		Down.		Total up and down.		Up.		Down.		Total up and down.		Up.		Down.		Total up and down.		Up.		Down.		Total up and down.		
Grains.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	
Wheat	3,082	...	1,360	...	4,442	...	...	...	650	...	650	...	...	...	5,405	...	5,405	...	3,082	...	7,415	...	10,497	...	
Gram	300	...	2,065	...	2,365	...	191	...	...	...	191	...	...	...	314	...	314	...	491	...	2,379	...	2,870	...	
Rice	...	...	...	...	...	...	159	...	...	...	159	...	2,003	...	...	...	2,003	...	2,162	...	...	...	2,162	...	
Paddy or dhán	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Bejhar or mixed grain	...	...	...	...	...	...	...	...	...	...	...	...	300	...	...	...	300	...	300	...	...	...	300	...	
Dal ... Urd	...	...	587	...	587	...	...	...	...	...	...	...	...	...	1,211	...	1,211	...	...	...	1,798	...	1,798	...	
Dal ... Mung	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Dal ... Arhar	76	...	100	...	176	...	11	...	...	...	11	...	660	...	...	...	660	...	747	...	100	...	847	...	
Dal ... Masuri	...	...	...	...	...	...	...	...	...	...	...	...	46	...	...	...	46	...	46	...	...	...	46	...	
Juár	...	...	1,814	...	1,814	...	3,019	...	...	...	3,019	...	...	...	607	...	607	...	3,019	...	2,421	...	5,440	...	
Bájra	...	...	...	...	...	...	168	...	...	...	168	...	...	...	22	...	22	...	168	...	22	...	190	...	
Maize or Indian-corn	...	...	...	...	...	...	628	...	...	...	628	...	725	...	...	...	725	...	1,353	...	...	...	1,353	...	
Barley	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Total	3,458	...	5,926	...	9,324	...	4,176	...	650	...	4,826	...	3,734	...	7,559	...	11,293	...	11,368	...	14,135	...	25,503	...	
Cotton	...	...	...	...	...	...	...	...	2,207	...	2,207	...	...	...	2,834	...	2,834	...	...	...	5,041	...	5,041	...	
Oilseeds	...	...	...	...	...	...	...	...	355	...	355	...	100	...	45	...	145	...	100	...	400	...	500	...	
Salt	735	...	...	...	735	...	12	...	212	...	224	...	...	...	23,402	...	23,402	...	747	...	23,614	...	24,361	...	
Metals	395	...	...	...	395	...	33	...	150	...	183	...	5,502	...	...	...	5,502	...	5,930	...	150	...	6,080	...	
Building materials[1]	23,375	...	3,490	...	26,865	...	999	...	702	...	1,701	...	143	...	...	...	143	...	24,517	...	4,192	...	28,709	...	
Miscellaneous goods	4,856	...	2,831	...	7,687	...	5,266	...	3,978	...	9,244	...	15,040	...	7,335	...	22,375	...	25,162	...	14,144	...	39,306	...	
Firewood	...	...	7,323	...	7,323	...	8,959	...	21,690	...	30,649	...	...	...	...	...	...	...	8,959	...	29,013	...	37,972	...	
Bamboos	...	...	36,847	736,940	36,847	736,940	25	500	185	3,700	210	4,200	12	240	...	...	12	240	37	740	37,032	740,640	37,069	741,380	
Timber. Poles and unsquared timber.	...	...	6,545	13,090	6,545	13,090	40	26	80	80	120	106	13	26	...	...	13	26	53	52	6,625	13,170	6,678	13,222	
Timber. Karis and squared timber.	...	...	5,486	5,436	5,486	5,436	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5,486	5,436	5,486	5,436	
Timber. Logs	130	7	264	13	394	20	...	...	...	...	...	...	10	1	...	...	10	1	140	8	264	13	404	21	
Miscellaneous timber	8	16	98	196	106	212	...	...	...	...	...	...	...	...	...	...	...	...	8	16	98	196	106	212	
Live-stock	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Grand Total	32,957	23	68,810	755,675	101,767	755,698	19,510	526	30,209	3,780	49,719	4,306	24,554	267	41,175	...	65,729	267	77,021	816	140,194	759,455	217,215	760,271	
Total during corresponding period of last year.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	65,566	4,533	157,817	151,302	223,383	155,835	
Increase	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11,455	...	...	608,153	...	604,436	
Decrease	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3,717	17,623	...	6,168	...	

Particulars.	Upper Ganges Canal (local).		Lower Ganges Canal (local).		Upper and Lower Ganges Canals (through).		Total Upper and Lower Ganges Canals.	
	1881.	1882.	1881.	1882.	1881.	1882.	1881.	1882.
Tonnage, including weight of timber and bamboos	...	3.739	...	1,827	...	2,415	8,273	7,981
Ton mileage	...	199,368	...	165,339	...	604,669	990,542	969,376
Value of goods . . . . . Rs.	...	90,446	...	69,181	...	2,35,680	3,14,843	3,95,307
Number of passengers	...	12	...	...	...	57	45	69

ALLAHABAD, 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. & Oudh, P. W. D., Irrigation Branch.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION OPERATIONS OF FASL RABI IN THE PUNJAB FOR 1881-82 UP TO 31st MARCH 1882.

Canal Division.	Water distributed during March 1882. Depth in canal at regulating gauge. Full supply.	Actual throughout.	Gross consumption, cubic feet per second. Estimated full supply.	Actual average throughout.	Navigation return canal. Principal items of traffic. Up.	Down.	Land irrigated (approximate). Zila.	Acres.	Rainfall. Average.	During month.	Chief crops (approximate). Name.	Area in acres.	Remarks.
Bári Doáb Canal. 1st Division	4·9	4·6	3,073·6	951·50	...	...	Gurdáspur ...	11,083	0·83	0·05	Wheat ...	158,806	The amount of water entering the Bári Doáb Canal was 2,918·84 cubic feet per second; of this 2,888·87 cubic feet per second were utilized, and the balance, 29·97 cubic feet per second, passed out at the various escapes. There was a brisk demand during the month, but the irrigation up to date is 36,712 acres less than that recorded in the corresponding month of last year, although it slightly exceeds the area of 1880.
2nd Division, Main Branch, Lower	4·6	3·2		1,313·6	...	...	Amritsar ...	91,023	0·72	0·12	Barley ...	3,371	
2nd do., Lahore Branch	3·0	3·1		624·01	...	...	Lahore ...	122,791	1·06	...	Mixed grains ...	16,613	
											Miscellaneous ...	46,107	
Total Bári Doáb Canal	...	...	3,073·6	2,888·87	...	...	.....	224,897	...	...	.....	224,897	
Corresponding period of last year	...	...	3,073·6	1,789·37	...	...	.....	261,609	...	...	.....	261,609	
Western Jumna Canal. Karnál Division	4·33	3·37	2,546	502	...	326,894 kurries, bullies, &c., 1,929 mds. timber, and 721 mds. firewood.	Umballa ...	334	0·83	0·10	Wheat ...	102,772	The volume entering the Western Jumna Canal was 1,845 cubic feet per second, of which the following was passed through the escapes:— c. ft. Budha Khera Escape . 117; Escape in Delhi Division . 12; Delhi Canal Tail . 26; Total . 155
Delhi do.	5·70	3·77		364			Karnál ...	31,398	0·93	...	Barley ...	341	
Hánsi do.	9·00	6·36		645			Delhi ...	20,464	0·50	...	Mixed grains ...	13,389	
Do. Bulla Head	8·80	5·80		179			Rohtak ...	25,408	0·75	...	Miscellaneous ...	9,599	
							Hissár ...	25,100	0·70	...	.....	...	
							Jhínd ...	22,373	...	...	.....	...	
							Bíkaner ...	665	...	...	.....	...	
							Kalsia State ...	359	...	...	.....	...	
Total Western Jumna Canal	...	...	2,546	1,690	...	326,894	.....	126,101	...	...	.....	126,101	As compared with the corresponding period of last year, there is an increase of 14,537 acres.
Corresponding period of last year	...	...	2,546	1,478	...	167,140	.....	111,564	...	...	.....	111,564	
Inundation Canals. Upper Sutlej Division	...	...	...	...	...	...	Lahore ...	38,909	...	0·48	Detail not obtainable for want of establishment.	...	In the return for February 1882 the area irrigated approximately in the Mozaffargarh District was shown as 131,175; but in the present return the area is shown as 114,249 acres; this has been obtained from the actual measurements recently completed.
Lower Sutlej and Chenab	...	...	...	...	...	...	Montgomery ...	101,495	...	...		...	
Indus Canals	...	...	...	...	...	...	Mooltan ...	167,800	0·51	...		...	
Mozaffargarh Canals	...	...	...	...	...	...	Dera Gházi Khan ...	48,045	0·37	...		...	
							Mozaffargarh ...	114,249	...	...		...	
Total Inundation Canals	...	...	...	...	...	...	.....	470,498	...	...	.....	470,598	
Corresponding period of last year	...	...	...	...	...	...	.....	335,307	...	...	.....	335,307	
Perennial Canals Grand Total	...	...	...	...	...	...	.....	350,998	...	...	.....	350,998	There is a decrease of 22,175 acres in the area irrigated by the perennial canals as compared with the same period of last year.
Do., corresponding period of last year	...	...	...	...	...	...	.....	373,173	...	...	.....	373,173	

J. E. CATTON,

Offg. Asst. Secy. to Govt., Punjab, P. W. D., Irrigation Branch.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

CIVIL WORKS.

Telegraph.

GENERAL RULES FOR THE CONDUCT OF ALL ELECTRIC TELEGRAPHS LICENSED UNDER THE TELEGRAPH ACT TO TRNASMIT "PAID MESSAGES" FOR THE PUBLIC.

Nos. 203-35T., dated Simla, 2nd May 1882.

RESOLUTION—By the Government of India, Public Works Department.

Read the following :—

Indian Telegraph Act, I of 1876.
Resolution No. 707—12R., dated 24th June 1868.
" (Foreign Department) No. 194, dated 13th March 1869.
" Public Works Department, No. 125—28, dated 7th March 1871.
" " " " No. 144—50 T., dated 12th March 1874.
" " " " No. 169—90 T., dated 31st May 1881.
" " " " No. 58—103 A. T., dated 26th July 1881.
Letter No. 240T., dated the 16th July 1881, from the Government of India, Public Works Department, to the Director General of Telegraphs.
Letter No. 553T., dated the 2nd November 1881, from the Director General of Telegraphs, to the Secretary to Government, Public Works Department.
Resolution, Public Works Department, No. 410—42 T., dated 14th November 1881.

RESOLUTION.—In the Resolution of the 14th of November 1881 it was stated that "the Government of India is willing and anxious to forward any scheme for developing and facilitating communication by telegraph, so far as this can be done without risk to the interests of the general tax-paying community; but in the interests of that community, it is essential that the telegraph service should be self-supporting."

2. In accordance with this Resolution, the attention of the Government of India has been drawn—

I—to the relation which the railway telegraphs should bear to the Imperial Telegraph System, in so far as they may be permitted to be the carriers of public messages; and

II—to the economy that must result in the combination of the maintenance of the Government and railway telegraphs whenever practicable.

3. The State Railway Telegraph Rules of 1874 were designed—

Primarily—To make the railway telegraph lines subsidiary and auxiliary to the Government Trunk System; and as such, they were allowed to retain certain shares of the receipts, varying in proportion to the distances messages were carried.

Secondarily—To provide for the construction and maintenance, by the Government Telegraph Department, of all telegraph lines and apparatus which might be required by the State Railways.

4. The experience of working these rules for over 7 years has shown that, however justly they were designed, on the principle of the division of receipts varying in proportion to work, such differential division has, in practice, caused an amount of account-keeping not justified by the sums involved.

5. The Director General of Telegraphs has represented, that the shares of receipts in favour of railways under the above rules are out of all proportion to the work done, and has urged, therefore, that, in future, all telegrams should be regarded as appertaining to the Telegraph Department, on the principle in force in England, by which railway telegraphs act only as agents for the Government system, and receive merely a fixed commission for carrying each message.

6. The Governor General in Council, however, whilst admitting the force of the Director General's arguments and the equity of his proposals, is nevertheless desirous, in the interests of the senders of telegrams, that railways should be encouraged to carry public telegraphic messages, to as great an extent as is compatible with the proper use of their telegraphs for the primary purpose of railway traffic; and has therefore decided, after duly considering

the present revenue of the Government Telegraph Department, to waive the claims of the latter to a share of the receipts; in the anticipation that any loss thereof will be more than compensated for by the effect of the additional facilities thus given to the public.

7. With this object, and also to simplify account-keeping, to ensure uniformity of procedure, and to develop telegraphic communication, it is resolved—

I—to extend to canal telegraphs also the privilege of carrying telegraphic messages for the general public;

II—that in future, every railway or canal, or other duly licensed telegraph office, at which a message may be tendered for despatch, shall retain the value of the message it sends, excepting such amounts as have to be again disbursed under the rules, for instance, for reply paid, post registered messages, &c.;

III—that there shall be but one public telegraph message system throughout India, applicable to railway, canal or any other telegraphic system licensed to carry messages for the public; and

IV—to provide for economical maintenance, the principle enunciated in Resolution, Public Works Department, Nos. 125—28T. of the 4th March 1871, that the maintenance of Government and railway telegraphs should be combined and vested in the Telegraph Department whenever practicable, is re-affirmed, and is now extended to canal telegraphs.

8. The accompanying sets of rules, *viz.*,—

I—General Rules relating to the conduct of all Electric Telegraphs licensed under the Telegraph Act to transmit "Paid messages" for the public,

II—Rules relating to the provision and maintenance of Electric Telegraphs for the use of railways and canals,

are therefore published, and are to come into force on the 1st of June 1882.

I.

General Rules for the conduct of all Electric Telegraphs licensed under the Telegraph Act to transmit "Paid messages" for the public.*

The Governor General in Council is pleased, under the provisions of Act I of 1876, entitled an Act to amend the law relating to Telegraphs in India, to prescribe the following Rules for the conduct of all Electric Telegraphs, other than those appertaining to the Government Telegraph Department, established or maintained within British India by any Company or person licensed under the above Act to transmit "Paid messages" for the public:—

Government Telegraph officers allowed on railway premises.

1. The licensed telegraph authorities shall allow all officers, inspectors, artificers, workmen and others employed by the Government Telegraph Department, in the construction or repair of the lines of telegraph within their boundaries to enter on their premises, and shall give such persons all reasonable facilities for travelling and for transporting material along the lines.

Instruments to be approved of by Telegraph Department.

2. The instruments in the licensed offices shall be of a pattern approved by the Government Telegraph Department.

Licensed offices to be connected with Government offices when desired

3. The Government Telegraph Department may, at its own expense, connect any of its own offices by wire with any licensed Telegraph Office, and the licensed authorities shall afford every necessary facility for establishing and maintaining the connection, and for the interchange of messages thereby.

Signalling staff of licensed Telegraph Offices to be controlled by Railway authorities, &c.

4. The signalling staff of each licensed Telegraph Office shall be wholly and exclusively controlled and paid by the licensed authorities, but shall be amenable to the penal clauses of the Telegraph Act No. I of 1876, in the same manner as if they were employés of the Government Telegraph Department.

* *N B.*—For the purposes of these rules, telephones and their apparatus are at present *not* included in the term "Electric Telegraphs."

Government system to be adopted for instruments, tariff, &c.

5. The system adopted in the Government Telegraph Department in respect of instruments, forms connected with public messages, receipt, transmission and check of messages, alphabet and code signals, shall be adopted and strictly followed by every licensed Telegraph Office, so far as the Government Telegraph Department may require.

Inland messages.

6. Inland messages, not relating to the business of the licensed authorities, shall, with due regard, in the case of railways, to the necessities of their traffic, be received at any licensed Telegraph Office when open, under the following conditions:—

Inland messages.

(*a*) They shall be transmitted to their destination by the quickest route, whether that be by Government or licensed Telegraph wires; and shall be received, charged for, despatched and delivered without undue delay, under the General Rules and Rates for Inland Telegrams sanctioned by the Governor General in Council from time to time.

Fees for inland messages.

(*b*) The fees paid for all inland messages shall be retained by the Administration receiving them, except in the cases of deposits for "Prepaid replies," "Postage," "Registration," and "Express charges," the amounts of which will be credited in account by the Government Telegraph Check Office to the Paying Office, and debited to the Receiving Office.

(*c*) The Telegraph Offices of any intermediate or terminal Railway, Canal or other Administration will be bound to forward or deliver messages passing on to its wires free of charge, except what may be due to it under (*b*).

Foreign messages.

7. Foreign messages may be accepted by licensed Telegraph Offices specially authorized to receive them, and must be received, charged for and despatched under the Rules and Rates for Foreign Telegrams, sanctioned by the International Telegraph Convention and in force for the time being.

Fees for foreign messages.

For the transmission of foreign messages, except in the case of those for Ceylon and Upper Burmah, licensed Telegraph Offices will be credited in account by the Government Telegraph Check Office with the sum of two annas a word, and debited with the full charge of the message. In the case of messages for Ceylon and Upper Burmah, the licensed Telegraph Office share will be half an anna per word.

Payments by cash or stamps optional.

8. Inland or foreign messages tendered for transmission at a licensed Telegraph Office may be paid for either in cash or by affixing Government telegraph stamps, at the option of the sender:—

Use of postage stamps.

(*a*) Messages received at a licensed Telegraph Office by post from a place where there is no Telegraph Office may be paid for by postage stamps.

Credits for telegraph or postage stamps.

(*b*) Whenever telegraph or postage stamps may be used for the payment of messages, the Office receiving them will be credited in account by the Government Telegraph Check Office.

Message drafts to be sent to Check Office.

9. Drafts and copies of any messages, not on the business of the licensed authorities, received at, or transmitted from, any of their Offices, shall be forwarded post-paid to the Government Telegraph Check Office if demanded, under instructions which shall be issued by the Director General of Telegraphs in India.

Complaints and refunds.

10. Complaints respecting messages and applications for refunds should be addressed to the Government Telegraph Check Office, Calcutta.

Message drafts to be preserved for six months.

11. To admit of the investigation of complaints, the licensed authorities are to provide for the preservation of all message drafts for a period of six months, at the expiration of which term, unless previously demanded under Rule 9, they must be transmitted, post-paid, to the Government Telegraph Check Office, Calcutta. They may, however, be sent to the Check Office immediately after audit of the accounts of the Telegraph Office concerned.

Service messages to be sent free.

12. Messages on the service of the Government Telegraph Department shall be transmitted, without charge, to or from all licensed Telegraph Offices.

Order of transmission of messages

13. Private and State messages shall, as a rule, be sent as directed in the Rules and Rates for Inland Telegrams; but a State message marked "clear the line" or "precedence" shall take precedence of all other messages. Provided that if sent by any Railway Telegraph Office, its transmission shall be consistent with the safe working of the railway traffic.

Director General of Telegraphs in India may inspect licensed Telegraph Offices.

14. The Director General of Telegraphs in India, or any officer deputed by him, may at any time inspect any licensed Telegraph Office, or messages sent from, or received at, any of them; and the licensed authorities shall give all facilities for such inspections, and shall submit for inspection any books or accounts connected with the working of their telegraphs, or any originals or copies of messages sent or received, which the Director General or such officer may require.

II.

Rules relating to the provision and maintenance of Electric Telegraphs for the use of Railways and Canals.

To what Railways and Canals applicable.

1. These rules are applicable to all railways and canals which are the property of the Government of India, and to such other railway, canal or telegraphic systems as the Governor General in Council may order to be governed by them.

Construction and maintenance of lines vested in Government Telegraph Department.

2. The construction, maintenance and repair of the lines shall be vested in the Government Telegraph Department, the officers of which shall be permitted to erect and maintain posts and wires, and other appurtenances of a telegraph, within the railway or canal, fences or other boundaries, to such an extent as, under the orders of the Director General of Telegraphs, may be required.

Wires to be leased by Government to railways or canals.

3. The Government Telegraph Department will supply to the authorities of each railway or canal, for their exclusive use, as many wires as the Government of India may consider necessary for the proper working of the system, at a fair rent, to be fixed from time to time by the Governor General in Council.

Supervision, supply and maintenance of apparatus.

4. The technical supervision of Railway or Canal Telegraph Offices, the supply, regulation and repair of apparatus, shall be undertaken by the Government Telegraph Department on payment of an annual sum to be fixed from time to time by the Governor General in Council.

Control of Railway or Canal Telegraphs so far as used for its own purposes.

5. Each railway or canal shall work the wires rented to it, so far as they may be used for its own traffic or train signalling purposes, subject to the general control of the Government of India.

To the Department of Finance and Commerce
" Foreign, Home, Military, and Legislative Departments.
" Department of Revenue and Agriculture.
" Governments of Madras, Bombay, Bengal, the North-Western Provinces and Oudh, and the Punjab, in the Public Works Department.
" Chief Commissioners, Central Provinces, British Burma, Assam and Coorg.
" Resident at Hyderabad.
" Resident at Mysore (through Foreign Department).
" Agents to the Governor General for Central India, Rajputana, and Beluchistan.
" Accountant General, Public Works Department.
" Inspector General of Military Works.
" Director General of Railways.
" Consulting Engineers to the Government of India for Guaranteed Railways, Calcutta, Lahore, and Lucknow.

ORDER.—Ordered that copy of this Resolution and enclosures be communicated to the Departments of the Government of India and the Local Governments and Administrations noted in the margin, for information and guidance.

Also, that a copy of this Resolution be forwarded to the Director General of Telegraphs for information and guidance.

Also, that the Resolution and enclosures be published in the *Gazette of India*, and that copies be communicated to the Chambers of Commerce in Bengal, Madras, Bombay, Rangoon, and Karachi.

By order,

W. S. TREVOR, *Colonel, R. E.,*
Secretary to the Govt. of India.

tried in different places, in order to test by practical experience what arrangements are best suited to the ways of thinking, habits, and other idiosyncrasies of the heterogeneous populations of the Empire. But there are, nevertheless, fundamental principles which, after every allowance has been made for local peculiarities, must be universally followed and frankly adopted, if the system is to have anywhere a fair trial.

10. The Government of India desires, then, that, while maintaining and extending, as far as practicable, the plan of municipal government in the cities and towns of each province, the Local Governments will also maintain and extend throughout the country, in every district where intelligent non-official agency can be found, a network of local boards, to be charged with definite duties and entrusted with definite funds. The Governor General in Council considers it very important that the area of jurisdiction allotted to each board should in no case be too large. If the plan is to succeed at all, it will be necessary to secure among the members both local interest and local knowledge. Experience proves that District Committees are, as a rule, very badly attended by members not actually residing in the vicinity of the head-quarters' station. Those who do attend have frequently no intimate acquaintance with the wants of outlying parts of the district. The consequence is, either that undue attention is given to the requirements of the immediate neighbourhood of the central station, or that the business falls entirely into the hands of the district officer, the Committee contenting itself with formally endorsing his proposals. Modifying, therefore, to some extent the suggestions made in paragraph 8 of the Circular letters of the 10th October last, the Governor General in Council desires that the smallest administrative unit—the sub-division, the taluka, or the tahsil—shall ordinarily form the maximum area to be placed under a local board. He would not indeed object to even smaller jurisdictions where these were deemed suitable. In some provinces it may be found possible to leave these sub-divisional boards to their own independent working, arranging for a periodical District Council, to which delegates from each local board might be sent, to settle such common matters as the rate of land cess to be levied during the year, the allotment to be made of district funds, and other questions of general interest. In other provinces, again, it may be thought best to have a District Board with controlling power over the smaller local boards. But whatever system is followed, the cardinal principle, which is essential to the success of self-government in any shape, is this, that the jurisdiction of the primary boards must be so limited in area as to ensure both local knowledge and local interest on the part of each of the members.

11. The Municipal Committees will, of course, remain the local boards for areas included within town limits. The relations between such municipal boards and the sub-divisional or district boards within whose jurisdiction the towns lie must be carefully settled in each case. In some instances the town boards will be left entirely independent and apart. In others it may be found desirable to give the rural boards a certain share in the settlement of questions of common interest. In others, again, the town boards would be required to send delegates to the District Board or Council.

12. The local boards, both urban and rural, must everywhere have a large preponderance of non-official members. In no case ought the official members to be more than one-third of the whole, unless in places in which the elective system is followed, when there would be no ground for objecting to an elected member merely on the ground that he was in the service of Government. The Governor General in Council is disposed to think that the non-official members of the boards should hold office for at least two years after election or appointment; but probably the best plan to follow would be that of the compulsory retirement by rotation of a fixed proportion of members, those retiring being eligible to sit again. A detail of this description may, however, fitly be left to the Local Governments.

13. Members of boards should be chosen by election wherever it may, in the opinion of the Local Governments, be practicable to adopt that system of choice. The Governor General in Council does not require the adoption of the system of election in all cases, though that is the system which he hopes will

ultimately prevail throughout the country, and which he wishes to establish now as widely as local circumstances will permit. Election in some form or other should be generally introduced in towns of any considerable size, but may be extended more cautiously and gradually to the smaller municipalities and to backward rural tracts. Even as regards these last, however, the Governor General in Council is disposed to think that if the Government officers cordially accept the principle, and set themselves to make it successful, a great advance might be made with comparatively little difficulty. Thus when the Local Governments had determined the nature of the qualifications suited to such a district (and these might ordinarily at first be fairly high), each sub-divisional officer might be instructed to prepare a list or register of candidates qualified to sit upon the local board, and might invite all those residing in any particular area, such as a police (thana) jurisdiction, to meet him on a day fixed at some convenient spot near their homes. He might then explain to them the objects of Government, and the nature of the duties they were invited to undertake, and call upon them to elect then or on a future day the number of representatives that had been fixed for the area in question. In the course of a few years, when the members of the board find that they have real powers and responsibilities entrusted to them, any Government interference will become unnecessary. The electors may safely then be left to conduct their own elections under such rules as may be from time to time laid down.

14. As to the system of election to be followed, the Governor General in Council would here also leave a large discretion to the Local Governments. Experience is wanting to determine the most suitable general system for each province; and it is desirable that a variety of plans should be tried in order to a future comparison of results. The simple vote, the cumulative vote, election by wards, election by the whole town or tract, suffrage of more or less extended qualification, election by castes or occupations—these and other methods might all be tried. New methods, unthought of in Europe, may be found suitable to India; and after a time it will probably be possible to say what forms suit best the local peculiarities and idiosyncrasies of the different populations. The Provincial Governments should, through their district officers, consult the leading Natives of each locality, not only as to the possibility of introducing the elective system, but as to the arrangements most likely to meet their local circumstances; and should use every effort to make the schemes adopted as consonant as possible to the feelings and habits of the people.

15. Doubtless the first consequence of this mode of proceeding will be that the electoral system, viewed as a whole, will present for a time a very diversified appearance, and in some places arrangements made will turn out badly and call for change; but the Governor General in Council is not disposed to attach undue importance to this. The problem before the Government is one of no slight difficulty; being that of discovering in what manner the people of the towns and districts of British India can be best trained to manage their own local affairs intelligently and successfully. The attempts hitherto made with this object have met with but little success. The best men in many cases do not at present present themselves as candidates for municipal office. The number of voters is generally insignificant compared with the number on the registers. And yet there can be no doubt that among the more intelligent classes of the community there is a real and growing interest being taken in administrative matters. It may be suspected, therefore, that the cause of comparative failure in the efforts hitherto made is to be found rather in the character of those efforts than in the nature of the object pursued. They have been, it seems to the Governor General in Council, wanting to a great degree in earnestness and in real endeavours to adapt the system adopted to the feelings of the people by whom it has to be worked. If this is so, the remedy must lie in ascertaining by patient and practical experiment how best to call forth and render effective that desire and capacity for self-government which all intelligent and fairly educated men may safely be assumed to possess.

16. With a view to stimulating the candidature of men of respectable standing in Native society, and to mark the importance of the functions of these local boards in the eyes of Government, the Governor General in Council is

pleased to direct that the courtesy titles of "Rai (or Rao) Bahadur" or "Khan Bahadur" shall in all official correspondence be applicable to Native members of all local boards during their term of office.

17. Turning now to the second division of the subject—the degree of control to be retained by the Government over the local boards, and the manner in which that control should be exercised; the Governor General in Council observes that the true principle to be followed in this matter is, that the control should be exercised from without rather than from within. The Government should revise and check the acts of the local bodies, but not dictate them. The executive authorities should have two powers of control. In the first place, their sanction should be required in order to give validity to certain acts, such as the raising of loans, the imposition of taxes in other than duly authorised forms, the alienation of municipal property, interference with any matters involving religious questions or affecting the public peace, and the like. (The cases in which such sanction should be insisted upon would have to be carefully considered by each Government, and they would at the outset be probably somewhat numerous, but, as the boards gained in experience, might be reduced in number.) In the second place, the Local Government should have power to interfere either to set aside altogether the proceedings of the board in particular cases, or, in the event of gross and continued neglect of any important duty, to suspend the board temporarily, by the appointment of persons to execute the office of the board until the neglected duty had been satisfactorily performed. That being done, the regular system would be re-established, a fresh board being elected or appointed. This power of absolute supersession would require in every case the consent of the Supreme Government. A similar power is reserved to the Executive Government under several English statutes; and if required in England, where local self-government is long established and effective, it is not probable that it could be altogether dispensed with in India. It should be the general function of the executive officers of Government to watch, especially at the outset, the proceedings of the local boards; to point out to them matters calling for their consideration, to draw their attention to any neglect of duty on their part, and to check by official remonstrance any attempt to exceed their proper functions, or to act illegally or in an arbitrary or unreasonable manner.

18. It does not appear necessary, for the exercise of these powers, that the chief executive officers of towns, sub-divisions or districts should be Chairmen or even members of the local boards. There is indeed much reason to believe that it would be more convenient that they should supervise and control the acts of those bodies, without taking actual part in their proceedings. The Governor General in Council is aware that many high authorities hold that the district officer should always be *ex-officio* Chairman of all the local boards within the district, and should directly guide and regulate their proceedings. This was indeed the view taken by the Government of India itself in the Circular letters of the 10th October last, so far as the constitution of district boards was concerned. But even then the Governor General in Council did not see his way to accepting the principle in the case of Municipal Boards; and further consideration has led him to the belief that, on the whole, it is better to lay down no such general rule in the case of any class of local boards. There appears to him to be great force in the argument that so long as the chief executive officers are, as a matter of course, Chairmen of the Municipal and District Committees, there is little chance of these Committees affording any effective training to their members in the management of local affairs, or of the non-official members taking any real interest in local business. The non-official members must be led to feel that real power is placed in their hands, and that they have real responsibilities to discharge. It is doubtful whether they have under present arrangements any sufficient inducement to give up their time and attention to the transaction of public business. There is this further objection to the district officer acting as Chairman, that if the non-official members are independent and energetic, risk may arise of unseemly collision between the Chairman and the board. The former would be in a far more dignified and influential position

if he supervised and controlled the proceedings of the Board from outside, acting as arbiter between all parties, and not as leader of any.

19. The Governor General in Council therefore would wish to see non-official persons acting, wherever practicable, as Chairmen of the local boards. There may, however, be places where it would be impossible to get any suitable non-official Chairman, and there may be districts where the chief executive officer must for the present retain these duties in his own hands. But His Excellency in Council trusts that the Local Governments will have recourse sparingly to the appointment of executive officers as Chairmen of local boards; and he is of opinion that it should be a general rule that when such an officer is Chairman of any local board, he shall not in that capacity have a vote in its proceedings. This arrangement will, to some extent, tend to strengthen the independence of the non-official members, and keep the official Chairman, where there must be such, apart from the possible contentions of opposing parties.

The appointments of Chairmen should always be subject to the approval of the Local Government, but need not be always made by it. The Governor General in Council would be glad to see the boards allowed, in as many cases as possible, to elect their own Chairman. But this matter is one which must be left to the discretion of Local Governments.

20. These, then, are the principles upon which the Governor General in Council desires to see the experiment of local self-government introduced throughout the several provinces of India; and he would ask the Local Governments to revise their several schemes and shape any proposed legislation in general accordance with these principles. On such of the local schemes as have already come before the Government of India separate orders will, as already intimated, be passed in accordance with the foregoing exposition of policy. There are, however, one or two points to which attention has been drawn by a perusal of the orders of the Local Governments, which, though matters of detail, are still of sufficient importance to warrant their being noticed in this Resolution.

21. In the orders of the 10th October last the Government of India laid special stress on the importance of entrusting to the local boards, not merely the expenditure of fixed allotments of funds, but the management of certain local sources of revenue. Sufficient regard does not as yet appear to have been paid to this part of the scheme. Not only should every local board have the entire control over the proceeds of all local rates and cesses levied within its jurisdiction for its own special purposes, but along with the charge of any expenditure that is at present Provincial should be transferred, where possible, the management of equivalent revenue. The License Tax assessments and collections, for example, might very well be made over to the local boards, municipal and rural, in many parts of the country, subject to the control provided by the existing law. Pounds and ferry receipts have been already indicated as suited for transfer. The allotment of lump grants from Provincial Revenues should be reserved as much as possible to balance the receipts and expenditure of the local boards. The Governor General in Council hopes that this part of the scheme will receive very careful consideration from all Local Governments, with a view to giving full effect to the policy which the Government of India has laid down on this point.

22. Another point deserving of notice is the control that should be exercised over the execution of local works. It will not always be possible for a local board to entertain a competent engineer of its own; and in any case, when Government buildings and important works of other kinds are made over for maintenance, there must be some effective guarantee for thoroughness of execution. It will probably be most convenient that, while all subordinate establishments are entirely under the control of the boards, Government should supply the district engineer and furnish professional supervision, the boards defraying in such manner as may be determined by the Local Governments with reference to the amount of work done for each board the payments to be made to Government on this account. Care must, however, be taken that the

boards are left unfettered in the initiation and direction of operations, and that the engineer is placed in the position of their servant and not of their master. The power of check vested in the district officer will suffice to remedy any carelessness or improper working on the part of the boards. If this arrangement is carried out, it will probably be found possible to make over to the charge of the boards most of the public buildings in the districts, and other works of various kinds which would otherwise have to be kept in the hands of the Government officers. Double establishments will thus be avoided, and public money saved.

ORDER.—Ordered, that a copy of the above Resolution be forwarded to the Local Governments and Administrations and to the Departments of the Government of India noted on the margin for information; and that it be published in the Supplement to the *Gazette of India*.

Madras.
Bombay.
Bengal.
North-Western Provinces and Oudh.
Punjab.
Central Provinces.
British Burma.
Coorg.
Assam.
Hyderabad.
The Department of Finance and Commerce.
The Public Works Department.

A. MACKENZIE,
Secretary to the Government of India.

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The Gazette of India.

PUBLISHED BY AUTHORITY.

Nº 21.] SIMLA, SATURDAY, MAY 27, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

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Nothing for publication.

SUPPLEMENT No. 21.

PART I.

Government of India Notifications, Appointments, Promotions, &c.

HOME DEPARTMENT.

NOTIFICATIONS.—ESTABLISHMENTS.

Simla, the 22nd May 1882.

No. 225.—With reference to Home Department Notification No. 146, dated 15th April 1882, announcing the appointment of the Hon'ble T. C. Hope, C.S.I., to act temporarily as an Ordinary Member of the Council of the Governor General in the place of Major the Hon'ble E. Baring, R.A., C.S.I., incapacitated by illness, it is hereby notified that Major the Hon'ble E. Baring has resumed his seat in the Council of the Governor General this day before noon.

No. 227.—With reference to Home Department Notification No. 98, dated 17th March 1882, the following despatch from Her Majesty's Secretary of State for India is published for general information:—

PUBLIC, No. 48. INDIA OFFICE; *London, 20th April 1882.*

To His Excellency the Most Hon'ble the Governor General of India in Council.

MY LORD MARQUIS,—I have received the despatch of Your Excellency in Council dated the 21st of March, No. 14, and in reply have to inform you that Her Majesty the Queen, Empress of India, has been pleased to approve the appointment of Sir Charles Umpherston Aitchison, K.C.S.I., to be Lieutenant-Governor of the Punjab and its Dependencies, in succession to Sir Robert Eyles Egerton, K.C.S.I., C.I.E.

I have, &c.,
(Sd.) HARTINGTON.

No. 229.—With reference to Home Department Notification No. 99, dated 17th March 1882, the following despatch from Her Majesty's Secretary of State for India is published for general information:—

PUBLIC, No. 47. INDIA OFFICE; *London, 20th April 1882.*

To His Excellency the Most Hon'ble the Governor General of India in Council.

MY LORD MARQUIS,—I have received the despatch of Your Excellency in Council dated the 21st of March, No. 15, and in reply have to inform you that Her Majesty the Queen, Empress of India, has been pleased to approve the appointment of Sir Alfred Comyns Lyall, K.C.B., to be Lieutenant-Governor of the North-Western Provinces and Chief Commissioner of Oudh, in succession to Sir George Couper, Bart., K.C.S.I., C.B., C.I.E.

I have, &c.,
(Sd.) HARTINGTON.

The 26th May 1882.

No. 234.—*Appointment.*—Colonel E. M. Playfair, Additional Commissioner, Nerbudda and Jubbulpore, in the Central Provinces, to officiate as Commissioner of the Jubbulpore Division, with

effect from the 15th June 1882, during the absence on furlough of Mr. F. Venning, or until further orders.

PORT BLAIR.

The 26th May 1882.

No. 274.—Lieutenant H. A. Deane, District Superintendent of Police, Port Blair and the Nicobars, obtained privilege leave from the 30th April to the 16th May 1882.

FORESTS.

The 26th May 1882.

No. 440*F*.—Mr. D. P. Copeland, Sub-Assistant Conservator of Forests in Assam, is appointed to officiate, until further orders, as an Assistant Conservator of Forests of the 3rd Grade, with effect from the 1st May 1882.

A. MACKENZIE,
Secy. to the Govt. of India.

STAR OF INDIA.

NOTIFICATION.

Simla, the 24th May 1882.

No. 36 S.I.

His Excellency the Grand Master of the Most Exalted Order of the Star of India is pleased to announce that Her Majesty the Queen and Empress of India has been graciously pleased to make the following appointments to the aforesaid Order :—

To be Knights Grand Commanders.

His Highness the Maharaja of Travancore.

The Nawab Ikbal-ud-Daula, formerly of Oudh, now residing at Baghdad in Turkish Arabia.

To be Knights Commanders.

The Hon'ble Maharaja Jotendro Mohun Tagore Bahadur, C.S.I.

Major (Brevet Lieutenant-Colonel) Oliver Beauchamp Coventry St. John, R.E., C.S.I., late Resident in Southern Afghanistan.

To be Companions.

Lieutenant-Colonel Edward Charles Ross, Bombay Staff Corps, Political Resident in the Persian Gulf.

The Hon'ble William Hudleston, Madras Civil Service, Member of the Council of the Governor of Madras.

Charles Paget Carmichael, Esq., Bengal Civil Service, Member of the Board of Revenue, North-Western Provinces.

Edward Francis Harrison, Esq., late Bengal Civil Service, and formerly Comptroller General.

By Order of the Grand Master,

C. GRANT,
Secretary to the Most Exalted Order of the Star of India.

INDIAN EMPIRE.

NOTIFICATIONS.

Simla, the 24th May 1882.

No. 25 I.E.

In accordance with Her Majesty's Warrant for the institution of the Order of the Indian Empire, the undermentioned gentlemen are declared to be, *ex-officio* and for life, Companions and Members of the aforesaid Order :—

The Right Hon'ble Mountstuart Elphinstone Grant Duff, Governor of Madras.

The Hon'ble Sir Alfred Comyns Lyall, K.C.B., Lieutenant-Governor of the North-Western Provinces and Chief Commissioner of Oudh.

The Hon'ble Sir Charles Umpherston Aitchison, LL.D., K.C.S.I., Lieutenant-Governor of the Punjab and its Dependencies.

The Hon'ble Courtenay Peregrine Ilbert, M.A., Barrister-at-Law, Member of the Council of the Governor General of India.

No. 26 I.E.

Her Majesty the Queen and Empress of India has been pleased to appoint the undermentioned gentlemen, who by their services have merited the Royal favor, to be Companions of the Order of the Indian Empire:—

William Mackinnon, Esq., Chairman of the British India Steam Navigation Company, Limited.

Ráná Shankar Baksh Singh Bahadur, Talukdar of Khajargaon, Magistrate and Honorary Assistant Commissioner, Rae Bareli District, Oudh.

Sayyid Lutf Ali Khan of Behar, Bengal.

Deputy Surgeon-General William James Moore, Indian Medical Department, Bombay Presidency.

Edward Ronald Douglas, Esq., Deputy Director General of the Post Office of India.

Moung Shway Kyee, Assistant Superintendent of Police, Amherst, British Burma.

By Order of the Grand Master,

C. GRANT,

Secretary to the Order of the Indian Empire.

FOREIGN DEPARTMENT.

NOTIFICATIONS.—POLITICAL.

Simla, the 24th May 1882.

No. 159 G.P.

His Excellency the Viceroy and Governor General is pleased to confer upon His Highness Maharaja Mahendra Partab Singh Bahadur, of Orchha, in Bundelkhand, the honorable title of "Sawai," as a hereditary distinction.

No. 160 G.P.

His Excellency the Viceroy and Governor General is pleased to confer upon Rai Kishen Kumar, Rais of Sahespur, in the Muradabad District, North-Western Provinces, the title of "Raja," as a personal distinction.

No. 161 G.P.

His Excellency the Viceroy and Governor General is pleased to confer upon Chaudhari Khaslat Hosain, Talukdar of Kakrali, in the Hardoi District, Oudh, the title of "Raja," as a personal distinction.

No. 162 G.P.

His Excellency the Viceroy and Governor General is pleased to confer upon Kumar Purno Chandar Singh, of Kandi, in the Murshidabad District, the title of "Raja," as a personal distinction.

No. 163 G.P.

His Excellency the Viceroy and Governor General is pleased to confer upon Munshi Fazl Hosain, of Lucknow, the title of "Khan Bahadur," as a personal distinction.

No. 164 G.P.

His Excellency the Viceroy and Governor General is pleased to confer upon Khan Sahib Karsetji Palanji Lalkaka, Superintendent of Post Offices, Bombay Circle, the title of "Khan Bahadur," as a personal distinction.

No. 165 G.P.

His Excellency the Viceroy and Governor General is pleased to continue to Hukm Chand, late Extra Assistant Commissioner, Punjab, on his retirement from the public service, the title of "Rai Bahadur," and to confer on him the designation of "Honorary Assistant Commissioner," as personal distinctions.

No. 166 G.P.

His Excellency the Viceroy and Governor General is pleased to confer upon Babu Brij Bhukhan Lal, of Lucknow, the title of "Rai Bahadur," as a personal distinction.

No. 167 G.P.

His Excellency the Viceroy and Governor General is pleased to confer upon Lachhman Singh, Superintendent, Railway Mail Service, Bombay Division, the title of "Rai Bahadur," as a personal distinction.

No. 168 G.P.

His Excellency the Viceroy and Governor General is pleased to confer upon Pandit Sundar Lal, Personal Assistant to the Post Master General, North-Western Provinces, the title of "Rai Bahadur," as a personal distinction.

No. 169 G.P.

His Excellency the Viceroy and Governor General is pleased to confer upon Jadu Nath Rai, Sub-Engineer, Public Works Department, Bengal, the title of "Rai Bahadur," as a personal distinction.

No. 170 G.P.

His Excellency the Viceroy and Governor General is pleased to confer upon Prasanna Kumara Banarji, Sub-Engineer, Public Works Department, Bengal, the title of "Rai Bahadur," as a personal distinction.

No. 171 G.P.

His Excellency the Viceroy and Governor General is pleased to confer upon Moro Gopal, Chief Constable of the Sholapur Police, Bombay, the title of "Rao Bahadur," as a personal distinction.

No. 172 G.P.

His Excellency the Viceroy and Governor General is pleased to confer upon Sodhi Man Singh, Jagirdar of Butar, in the Firozpur District, and Honorary Extra Assistant Commissioner, Punjab, the title of "Sardar Bahadur," as a personal distinction.

No. 173 G.P.

His Excellency the Viceroy and Governor General is pleased to confer upon Moro Krishna Dabholkar, eldest son of the Jagirdar of Akolner and Khedle Parmanand, in the Ahmadnagar District, Bombay, the title of "Rao Sahib," as a personal distinction.

C. GRANT,

Secretary to the Government of India.

GENERAL.

The 26th May 1882.

No. 875 *G.G.*—Major J. Biddulph, B.S.C., Political Agent of the 2nd Class, is appointed to officiate as a Resident of the 2nd Class and Agent to the Governor General in Biluchistan, with effect from the afternoon of the 17th May 1882.

No. 877 *G.G.*—Mr. J. Mather, Superintendent of the Rajkumar College, Bundelkhand, is appointed to officiate as Principal of the Residency College, Indore, with effect from the date of assuming charge, *vice* Mr. J. W. Alexander, on furlough.

No. 879 *G.G.*—Mr. J. R. Fitzgerald, C.S., Officiating 1st Assistant to the Resident at Hyderabad, is appointed to officiate as a Political Agent, 3rd Class, and to be Assistant Commissioner in Ajmere, with effect from the date of assuming charge.

No. 882 *G.G.*—Colonel H. G. Thomson, M.S.C., Officiating Civil and Sessions Judge of the Civil and Military Station of Bangalore, is appointed to be Civil and Sessions Judge of the Civil and Military Station of Bangalore sub. *pro tem.*, with effect from the 14th March 1882, *vice* Lieutenant-Colonel R. A. Cole.

No. 884 *G.G.*—Colonel C. R. Blair, Bombay Infantry, is placed on special duty under the Foreign Department for employment in connection with the enquiry into the recent Bheel disturbances, with effect from the 15th February 1882.

No. 887 *G.G.*—The Notification of this Department, No. 828 G.G., dated 27th April 1881, appointing Mr. G. A. Patten, Assistant District Superintendent of Police, to be Assistant Political Officer in the Naga Hills, is hereby cancelled.

No. 889 *G.G.*—The unexpired portion of the furlough granted to Sir A. C. Lyall, K.C.B., C.I.E., B.C.S., Lieutenant-Governor of the North-Western Provinces and Chief Commissioner of Oudh, in Foreign Department Notification No. 1686 G.G. of the 8th September 1881, *viz.*, from the 11th April to the 19th May 1882, inclusive, is hereby cancelled.

MILITARY.

The 26th May 1882.

No. 109 *G.M.*—Foreign Department Notification No. 102 G.M. of the 19th May 1882, appointing Lieutenant W. H. Cornish, 1st Battalion, The Duke of Wellington's (West Riding Regiment), to officiate as Wing Officer, Meywar Bheel Corps, on probation, *vice* Lieutenant G. H. J. Moore, is hereby cancelled.

C. GRANT,
Secy. to the Govt. of India.

DEPARTMENT OF FINANCE AND COMMERCE.

NOTIFICATIONS.

Simla, the 26th May 1882.

No. 1345.

CIVIL LEAVE CODE.

Page 163.

Section 72.

Substitute the following for Rules 1 to 4 under this Section :—

1. Privilege Leave is not admissible to—

(*a*).—Officers serving in Departments in which regular vacations are allowed, during which the officers are permitted to be absent from duty (*e.g.*, Uncovenanted Judicial Officers, Educational Officers, Officers in a High Court).

(*b*).—District and Sessions Judges who are permitted to avail themselves of the periodical court vacations.

But in case of urgent necessity, privilege leave may be granted to any such Officer, under the ordinary rules; subject to the conditions, (1) that the Officer shall during his absence receive only half the salary and allowances ordinarily admissible during privilege leave, and (2) that the leave cannot in any case be combined with vacation.

2. Rule 1 does not apply to the case of an Officer who is, by general or special orders issued by competent authority, prevented in any year from availing himself of the vacation or vacations by reason of his having to remain at his post on duty. In such a case, privilege leave may be granted under the ordinary rules; provided always that the leave shall not in any case be combined with vacation.

3. An Officer who is, by general or special orders issued by competent authority, prevented from availing himself of a part only of a periodical vacation may, during privilege leave subsequently taken, draw his full salary for a period bearing the same proportion, if the vacation be annual, to a month, or if it be half-yearly, to half a month, as the time spent on duty during the vacation bears to the whole vacation.

No. 1366.—In exercise of the power conferred by Section 48 of the Native Passenger Ships Act, VIII of 1876, and in supersession of the undermentioned Notifications of the Department of Revenue, Agriculture and Commerce published in the *Gazette of India*, namely,—

No. 298, dated 8th August 1877 (so far as the statement of foul and fair seasons in British Indian coasts is concerned),

No. 220, dated 19th April 1878,
No. 88, dated 10th April 1879,
No. 95, dated 15th April 1879,

His Excellency the Governor General in Council is pleased to declare that the following shall be deemed, for the purposes of the said Act, to be seasons of fair and foul weather on the coasts of—

	Fair or foul weather.
(1) Sind, Bombay, and Malabar (as far south as Karwar)—	1st January to 15th May—Fair. 16th May to 31st August—Foul. 1st September to 31st December—Fair.
(2) Western India (south of Karwar)—	1st January to 15th May—Fair. 16th May to 15th September—Foul. 16th September to 31st December—Fair.
(3) Ceylon (Gulf of Manaar)—	1st January to 15th April—Fair. 16th April to 31st August—Foul. 1st September to 31st October—Fair. 1st November to 31st December—Foul. *Note.*—The whole year shall be deemed to be a season of fair weather for Native passenger vessels plying between the ports of Devipatam and Pesalai and between Paumben and Venakalai, provided they make the passage north of Adam's Bridge in the south-west, and south of it in the north-east, monsoon.
(4) Madras (Coromandel)—	1st January to 15th April—Fair. 16th April to 31st July—Foul. 1st August to 15th October—Fair. 16th October to 31st December—Foul.
(5) Bengal (including Orissa) and Arakan—	1st January to 31st March—Fair. 1st April to 15th August—Foul. 16th August to 30th September—Fair. 1st October to 15th November—Foul. 16th November to 31st December—Fair.
(6) Rest of British Burma—	1st January to 30th April—Fair. 1st May to 31st August—Foul. 1st September to 31st December—Fair.

T. C. HOPE,
Secy. to the Govt. of India.

MILITARY DEPARTMENT.

Simla, the 26th May, 1882.

APPOINTMENTS.

No. 283.—STAFF CORPS—

The undermentioned officer is admitted to the Bengal Staff Corps, with effect from the date specified, subject to the confirmation of the Right Hon'ble the Secretary of State for India:—

Lieutenant Granville Henry Loch, Wiltshire Regiment, Officiating Wing Officer, 3rd Goorkha Regiment,—24th June, 1880.

No. 284.—PERSONAL STAFF—

The following appointment has been made on the personal staff of the Hon'ble the Lieutenant-Governor and Chief Commissioner of the North-Western Provinces and Oudh:—

Lieutenant E. T. Rose, 10th Hussars, to be Aide-de-Camp. Dated 17th April, 1882.

No. 285.—G. G. O. No. 251 of 1882, notifying certain appointments on the personal staff of His Excellency the Viceroy and Governor General, is hereby cancelled.

No. 286.—BRIGADE STAFF—

Colonel E. Dandridge, Bengal S. C., Commandant 40th Native Infantry, to the Brigade Staff of the Army, with the rank of Brigadier-General, in succession to Brigadier-General J. I. Murray, C.B., whose tenure of appointment has expired. Dated 11th May, 1882.

No. 287.—QUARTERMASTER GENERAL'S DEPARTMENT—

Captain G. F. Young, Bengal S. C., Wing Officer, 30th Native Infantry, and Officiating Deputy Assistant Quartermaster General, is confirmed in the latter appointment, *vice* Captain C. J. R. Fulford, deceased. Dated 4th May, 1882.

No. 288.—VOLUNTEER CORPS—

Administrative Battalions, North-Western Provinces Volunteers.

The Hon'ble *Sir* Alfred Comyns Lyall, K.C.B., C.I.E., Lieutenant-Governor and Chief Commissioner, North-Western Provinces and Oudh, to be Honorary Colonel, *vice Sir* G. E. W. Couper, Bart., K.C.S.I., C.B., C.I.E., resigned.

CLOTHING.

No. 289.—The Governor General in Council is pleased to direct the publication of the following correspondence for general information:—

No. 260. *Simla, 22nd July, 1881.*

To Her Majesty's Secretary of State for India.

MY LORD MARQUIS,—Having noticed the heavy expenditure annually incurred by the Indian revenues on account of stores imported from England, we have now under consideration the question how best to develop such branches of local manufactures as may admit of reducing as far as practicable the expenditure incurred on the importation of stores from England.

2. There appear good grounds for the expectation that, if the Government of India publicly express their willingness to accept articles of local manufacture in preference to obtaining them from England, private enterprise in many branches of manufacture will sooner or later be forthcoming to compete for such supply. We do not anticipate that articles of local manufacture can in the beginning be equal in all respects to those imported; still we see no reason why they should not in many cases be as durable; and by offering every encouragement to local industry, we hope to obtain articles at rates equivalent to, if not less than, those paid by the Store Department, India Office.

3. We have been led to these remarks by a question recently submitted to us regarding the supply of cloth for the uniform of the Army. At present no cloth suitable for British troops is manufactured in India, but we believe that the fabrication of such cloths in India is by no means impossible; and we would therefore beg to enquire

whether there is any objection on the part of Her Majesty's Government to accept for British troops returning home clothing made of any other material save that bearing the Pimlico mark, at the full value of English clothing, if it be of equally good quality. We would at the same time strongly recommend, for the reasons above set forth, that, if suitable cloth of local manufacture should be offered for sale at a favorable price, we be empowered to accept it.

MILITARY, INDIA OFFICE;
No. 423. *London, 15th December, 1881.*

To His Excellency the Most Hon'ble the Governor General of India in Council.

MY LORD MARQUIS,—

Para. 1. I have considered in Council your Military letter No. 260 of the 22nd July, 1881, in which you represent that your attention has been drawn to the heavy expenditure annually incurred by your Government on account of stores imported from England, and to the question of the best means of developing such branches of local manufactures as may tend to reduce this expenditure.

2. Your Government entertain the expectation that, if you publicly express your willingness to accept articles of local manufacture in preference to those obtainable from home, private enterprise in many branches of manufacture will be prepared to undertake the supplies needed by the several Departments of the State. You do not anticipate that locally manufactured articles can at the outset be equal to importations, but you see no reason to doubt their durability in many cases, and you hope, by offering every encouragement to local industry, to obtain articles at rates equivalent to, if not less than, those paid by the Store Department of this Office.

3. You proceed to remark that these observations have arisen in consequence of a question recently submitted to you regarding the supply of cloth for the uniform of the Army. At present no cloth suitable for British troops is manufactured in India, but you believe that the fabrication of such cloths in India is by no means impossible; and you therefore desire to be informed whether there is any objection on the part of Her Majesty's Government to accept for British troops returning home clothing made of any other material save that bearing the Pimlico mark, at the full value of English clothing, if it be of equally good quality.

4. Fully sharing the views of your Government as to the importance of developing to the utmost local industries and manufactures, and of rendering India as independent as possible of home supplies, I caused an inquiry to be addressed to the War Office on the subject of your present letter.

5. You will observe from the reply received from the War Office,* copy of which is enclosed for your information, that the Secretary of State for War states that, although he is not at present in a position to give an unqualified assent to this proposition, inasmuch as no experience has yet been gained as to whether cloth made in India would be equal in quality, color, and general durability to that manufactured in this country, he will be prepared to give the subject fair consideration when the occasion arises.

* No. 2494 of 19th November, 1881.

6. It will now rest with your Government to adopt such measures as you may deem most conducive to stimulate the growth and development of local manufactures essential to the needs of the State in its several departments, and you may rely on my hearty co-operation in any steps which your Government may take with the object of dispensing with supplies from home.

7. In conclusion, I have to add that, in accordance with your recommendation, I entirely approve of your Government accepting any suitable cloth of local manufacture that may be offered for sale at a favorable price.

8. I observe that your Government still indent for clothing for the Native troops and even for the police, and it seems to me desirable that your efforts should first be directed to the object of providing fitting materials for this purpose. The difficulties connected with any change in the material for clothing British troops will not have escaped the notice of your Lordship's Government.

I have, &c.,

(Sd.) HARTINGTON.

Surveyor General's Department,
P. C., INDIA Regts. WAR OFFICE;
No. 2494. *19th November 1881.*

SIR,—I am directed by the Secretary of State for War to acknowledge the receipt of your letter of the 5th instant, M.-893-W., forwarding a copy of a letter received from the Government of India, in which enquiry is made whether there would be any objection on the part of Her Majesty's Government to accept for British troops returning to this country clothing made up of cloth manufactured in India of any other material save that bearing the Pimlico mark, at the full value of English clothing, and in reply to acquaint you, for the information of the Secretary of State for India in Council, that, although Mr. Childers is not at present in a position to give an unqualified assent to this proposal, inasmuch as no experience has yet been gained as to whether cloth made in India would be equal in quality, color, and general durability to that manufactured in this country, he will be prepared to give the subject fair consideration when the occasion arises.

I have, &c.,

(Sd.) JOHN ADYE, Lieut.-General.

The Under Secretary of
State for India.

FURLOUGH AND LEAVE.

No. 290.—Conductor H. Ormsby, Ordnance Department, is granted leave in India (m. c.) under rule XXV of the regulations of 1868, with effect from the date of quitting his station to the date of his transfer to the Pension establishment.

PROMOTIONS.

No. 291.—The following promotion is made, subject to Her Majesty's approval :—

BREVET.

To be Colonel.

Lieutenant-Colonel George Strachan Mignon, Bombay S. C. (since retired),—1st October, 1881.

No. 292.—ORDNANCE DEPARTMENT—

In G. G. O. No. 246 of 1882, *for* Honorary Lieutenant "W. Allum," *read* "*E.* W. Allum."

No. 293.—NATIVE ARMY—

43rd Native Infantry.

Jemadar Bajeeah Ram, to be Subadar, *vice* Boolakie Sing, invalided; Havildar Gopaul Sing, to be Jemadar, *vice* Bajeeah Ram, promoted,—1st November, 1881.

No. 294.—PUNJAB FRONTIER FORCE—

2nd Punjab Cavalry.

Kote-Duffadar Enayatullah Khan, to be Jemadar, *vice* Jehangir Khan, invalided; Kote-Duffadar Sobha Sing, to be Jemadar, *vice* Ludha Sing, invalided,—1st May, 1882.

PENSIONS.

No. 295.—Conductor Harry Ormsby, Ordnance Department, is transferred to the Pension establishment.

No. 296.—First Class Assistant Apothecary John Shore, Subordinate Medical Department, is permitted to retire from the service, receiving a gratuity. Dated 7th April, 1882.

SPECIAL.

No. 297.—The Most Hon'ble the Viceroy and Governor General in Council is pleased to direct the publication, for general information, of the following despatch from the Right Hon'ble the Secretary of State for India:—

MILITARY, INDIA OFFICE;
No. 361. *London, 27th October, 1881.*

To His Excellency the Most Hon'ble the Governor General of India in Council.

MY LORD MARQUIS,—

Para. 1. I have received and considered in Council your letter No. 342 of 16th September, 1881, forwarding correspondence describing the withdrawal of the British Forces from Southern Afghanistan in April last, and expressing the sense your Lordship's Government entertains of the admirable manner in which that operation was carried out by Major-General R. Hume, C.B., and his staff.

2. I desire to express my concurrence in the high estimate your Government have formed of the value of the services rendered on this occasion by Major-General Hume, and the officers serving under his orders.

I have, &c.,
(Sd.) HARTINGTON.

G. CHESNEY, *Colonel,*
Secretary to the Government of India.

MILITARY (MARINE) DEPARTMENT.

Simla, the 26th May, 1882.

APPOINTMENTS.

No. 21.—Mr. G. J. Baugh, to be a 4th grade Officer in Her Majesty's Indian Marine, on probation, with effect from date of joining.

FURLOUGH AND LEAVE.

No. 22.—Mr. P. J. Falle, Assistant Superintendent, Marine Survey Department, is granted one year's furlough to Europe, under section 131 of the Civil Leave Code.

NAMES AND DESIGNATIONS.

No. 23.—Mr. A. H. Durant, Conductor, Bombay Dockyard, is permitted to assume the surname of *Durant Price* in lieu of that of "Durant."

G. CHESNEY, *Colonel,*
Secretary to the Government of India.

PUBLIC WORKS DEPARTMENT.

NOTIFICATIONS.

Simla, the 26th May 1882.

No. 144.—Mr. W. B. Gray, Deputy Examiner of Accounts, Rajputana-Malwa Railway, is temporarily transferred to the Office of the Examiner of Guaranteed Railway Accounts, Madras.

No. 145.—The following promotions are made in the Railway Branch:—

Names.	From	To	Date.
	PERMANENT.		
Mr. R. L. Campbell.	Assistant Engineer, 2nd Grade.	Assistant Engineer, 1st Grade.	15th April 1882.
	TEMPORARY.		
Mr. E. I. Shadbolt	Assistant Engineer, 1st Grade.	Executive Engineer, 4th Grade.	9th May 1882.

W. S. TREVOR, *Colonel, R.E.,*
Secy. to the Govt. of India.

The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, MAY 27, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

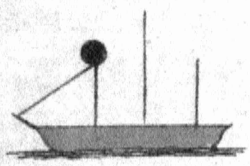
Notifications by High Court, Comptroller General, &c.

NOTICE TO MARINERS.
No. 18 of 1882.

INDIA—BAY OF BENGAL.
HOOGHLY RIVER APPROACHES.

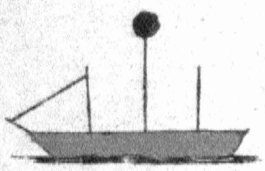
Alteration of Colour and Distinguishing Marks of Light-Vessels.

The Port Commissioners, Calcutta, have notified that from the 1st November 1882, the whole of the light-vessels marking the approaches to the Hooghly river will be painted *Red*, and that the following distinguishing marks will be displayed at the mast heads :—



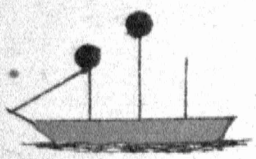
PILOTS' RIDGE.

The Pilots' Ridge light-vessel, which now carries at the main a Black ball with white horizontal band, will display a *Black ball at the Foremast head.*



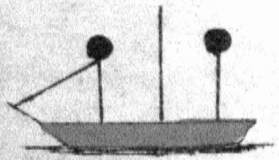
EASTERN CHANNEL.

The distinguishing mark of the Eastern Channel light-vessel will remain as at present, *i. e.*, a *Black ball at the Mainmast head.*



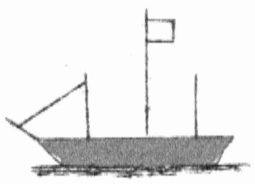
MUTLAH.

The Mutlah light-vessel, which now carries at the main a Red ball with white horizontal band, will display a *Black ball at both Fore and Mainmast heads.*



INTERMEDIATE.

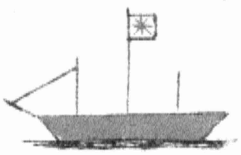
The "Intermediate" light-vessel, which now carries a double triangle at the main, will display a *Black ball at the Fore and Mizenmast heads.*



LOWER GASPAR.

The distinguishing marks for the Gaspar light-vessels will remain as at present, *i. e.*,

The Lower Gaspar, a *White flag at the main.*



UPPER GASPAR.

The Upper Gaspar, a *White flag with Red star.*

NOTE.—The Mutlah light-vessel will, from the 1st November 1882, be moored two miles due South of its present position.

By direction of the Government of India,

A. DUNDAS TAYLOR, *Comdr. (late I.N.),*
Superintendent, Marine Survey of India.

Marine Survey Department,
Calcutta,
The 29th April 1882.

This Notice affects the following :—

BRITISH ADMIRALTY Charts, Nos. 814, 829 and 70 ; also Light List for 1882.

INDIAN MARINE SURVEY Charts, Nos. 115, 115*a*, 1172, 15*c* and 103*a* ; Light List for 1882 ; also Taylor's Sailing Directory, Vol. I, pp. 471 to 477.

If this Notice is received on board-ship, the substance of it should be inserted on the Charts affected by it, and introduced into the Sailing Directions to which it relates.

NOTICE TO MARINERS.

No. 19 of 1882.

INDIA—BAY OF BENGAL.

RIVER HOOGHLY.

Time Signals at Calcutta.

Notice is hereby given that on and after this date, a ball will be dropped daily at ONE P.M., Calcutta mean time (or 19 h. 6 m. 41·3 sec., mean time at Greenwich), at both the Semaphore tower in Fort William, and at the Port Commissioner's Office, Calcutta.

[The balls are hoisted close up, as preparatory, about 5 minutes before signal.]

By direction of the Government of India,

A. DUNDAS TAYLOR, *Comdr. (late I.N.),*

Superintendent, Marine Survey of India.

Marine Survey Department,
Calcutta,
The 8th May 1882.

If this Notice is received on board-ship, the substance of it should be inserted on the Charts affected by it, and introduced into the Sailing Directions to which it relates.

NOTICE TO MARINERS.

No. 20 of 1882.

HINDOSTAN—WEST COAST.

TELLICHERRY.

Intended Repairs to Light.

Information has been received from the Port Officer, Madras, that repairs to Tellicherry light will commence on the 20th instant, and that they will be completed in about one month. During this time the light will probably only be visible when close in with the anchorage.

By direction of the Government of India,

A. DUNDAS TAYLOR, *Comdr. (late I.N.),*

Superintendent, Marine Survey of India.

Marine Survey Department,
Calcutta,
The 15th May 1882.

This Notice temporarily affects the following:—

BRITISH ADMIRALTY Charts, Nos. 747, 2737 and 827.

MARINE SURVEY DEPARTMENT Charts, Nos. 15*a* and 1257*a*.

If this Notice is received on board-ship, the substance of it should be inserted on the Charts affected by it.

HIGH COURT—Original Side.

NOTIFICATION.

Calcutta, the 15th May 1882.

The following Rule passed by the High Court of Judicature at Fort William in Bengal is published for general information:—

By Order,

R. BELCHAMBERS,

Registrar.

Whereas it is deemed desirable that the Vice-Chairman of the Port Commissioners and the Secretary to the Port Commissioners should be exempted from service on juries, it is ordered that the names of the said persons be inserted in the list of persons exempted from liability to serve on juries appended to Rule 4 of the Jury Rules which came into effect on the 1st of March 1876.

Dated this 15th day of March 1882.

(Sd.) RICHARD GARTH.
" J. SEWELL WHITE.
" R. MITTER.
" W. F. McDONALD.
" H. S. CUNNINGHAM.
" H. T. PRINSEP.
" A. WILSON.
" L. R. TOTTENHAM.
" ALEX. T. MACLEAN.
" CHARLES D FIELD.
" J. O'KINEALY.
" MOHENDRONAUTH BOSE.

BANK OF BENGAL.

NOTICE.

Calcutta, the 19th May 1882.

The Directors have made the following changes in the Bank's Establishment:—

Mr. David Fraser, Agent at Dacca, has been appointed to act as Agent at Hyderabad, *vice* Mr. W. E. Carbery, who has been granted leave to Europe.

Mr. A. M. Lindsay, Agent at Akyab, has been appointed to act as Agent at Dacca, *vice* Mr. D. Fraser.

Mr. F. M. Young, Accountant, Moulmein, has been appointed to act as Agent at Akyab, *vice* Mr. A. M. Lindsay.

W. D. CRUICKSHANK,

Offg. Secretary & Treasurer.

AGENT, GOVERNOR GENERAL, FOR CENTRAL INDIA.

NOTIFICATIONS.

Indore Residency, the 17th May 1882.

No. 915.—Major J. Burne, Officiating Political Assistant, 2nd Class, 2nd Assistant Agent, Governor General, for Central India, is granted privilege leave for two months, with effect from 15th May 1882.

By Order,

D. ROBERTSON,

1st Asst. Agent, Govr. Genl., for Central India.

The 20th May 1882.

No. 939.—Lieutenant W. A. B. Dennys, of the Bhopal Battalion, is granted two months' privilege leave from 19th June to the 18th August 1882.

By Order,

M. J. MEADE, *Lieut.,*

Offg. 2nd Asst. Agent, Govr. Genl., for Central India.

AGENT, GOVERNOR GENERAL, FOR RAJPUTANA.

NOTIFICATIONS.

Mount Abu, the 17th May 1882.

No. 1336 *G.*—With reference to Foreign Department Notification No. 658 G. G., dated 28th April 1882, Major R. G. E. Dalrymple and Lieutenant T. C. Pears, respectively, made over and received charge of the offices of the Banswara and Pertabgarh Assistancy and the Moghia Superintendency on the forenoon of the 5th May 1882.

The 18th May 1882.

No. 1349 *G.*—Major Percy W. Smith, Officiating 2nd-in-Command, Merwara Battalion, returned to duty on the 9th May 1882 from the privilege leave granted him in this Office Notifications No. 952 G., dated 18th April 1882, and No. 1261 G., dated 8th May 1882.

No. 1353 *G.*—Lieutenant-Colonel F. W. Boileau, Commandant, Merwara Battalion, availed himself on the 10th May 1882 of the privilege leave granted him in this Office Notification No. 1159 G., dated 1st May 1882.

The 22nd May 1882.

No. 1378 *G.*—Surgeon-Major J. P. Stratton, M.D., and Lieutenant-Colonel C. B. Euan Smith, C.S.I., respectively, made over and received charge of the Meywar Political Residency on the forenoon of the 12th May 1882.

By Order,
E. A. FRASER,
1st Asst. Agent to the Govr. Genl.

CHIEF COMMISSIONER OF AJMIR-MERWARA.

NOTIFICATIONS.

Mount Abu, the 19th May 1882.

No. 328.—Mr. T. Harris, B.A., Head Master, Ajmir Government College, is appointed to officiate as Principal, Government College, Ajmir, and Inspector of Schools, Ajmir-Merwara, with effect from the date of receiving charge, *vice* Mr. F. L. Reid, on privilege leave.

Babu Syam Sunder Lall, B.A., 2nd Master, Ajmir Government College, is appointed to officiate as Head Master, with effect from the date of receiving charge, *vice* Mr. Harris.

No. 333.—Surgeon-Major J. H. Newman, Civil Surgeon, Ajmir, is granted thirty days' privilege leave, with effect from the 1st June 1882, or such subsequent date as he may avail himself of the same.

By Order,
E. A. FRASER,
1st Asst. to the Chief Commr.

CHIEF COMMISSIONER OF COORG.

NOTIFICATION.

Bangalore, the 16th May 1882.

No. 8.—Under the provisions of Section 8, Act XXVI of 1870 (the Prisons Act), Surgeon G. M. E. McKee was appointed Superintendent of the Mercara Jail, with effect from the 11th January 1882, and was in charge of the Jail up to the 16th February 1882.

2. Surgeon McKee was in charge of the Civil Dispensary and Civil Station, Mercara, for the same period.

With reference to Notification No. 6, dated 29th April 1882, Surgeon James Scott Dill assumed charge of the Mercara Jail, Civil Dispensary and Civil Station from Surgeon McKee in the forenoon of the 17th February 1882.

By Order,
H. WYLIE, *Major,*
Secretary to the Chief Commr. of Coorg.

CALCUTTA UNIVERSITY.

NOTICE.

The Syndicate has selected "Golden Deeds," published by Messrs. Macmillan & Co., as the text-book in English for the Entrance Examination of 1883. The particular portions of this work to be read will be announced later. A cheap edition of "Golden Deeds" is about to be issued by Messrs. Thacker, Spink & Co.

G. BELLETT,
Registrar.

SENATE HOUSE,
The 16th May 1882.

MILITARY DEPARTMENT—Military Works.

NOTIFICATION.

Presidency & Oudh Command.

Lucknow, the 16th May 1882.

No. 14.—With reference to Inspector General of Military Works' Notification No. 16, dated the 14th April 1882, Captain S. J. Lambert, R.E., Assistant Engineer, 1st Grade, reported his arrival at Fort William on the forenoon of the 4th May 1882, and took over charge of the Fort William Division, Military Works, from Major F. F. Cotton, R.E., Executive Engineer, 1st Grade, on the afternoon of the 10th May 1882.

H. McV. CRICHTON, *Major, R.E.,*
Supdg. Engr., Presdy. & Oudh Command, Military Works.

DIRECTOR GENERAL OF RAILWAYS.

NOTIFICATION.—ESTABLISHMENT.

Simla, the 17th May 1882.

No. 37.—With reference to Public Works Department Notification No. 127, dated 10th May 1882, Mr. W. McGregor, Traffic Candidate, is posted to the Rajputana-Malwa Railway.

F. S. STANTON, *Col., R.E.,*
Director General of Railways.

ST. MARY'S CEMETERY, MADRAS.

DILAPIDATED TOMBS.

Notice is hereby given that the Monuments and Tombs in St. Mary's Cemetery enumerated below are now in a ruinous condition. Such of them as are not restored by persons interested before the 30th day of next September will be made level with the ground, and the inscription slab will be placed over the grave or erected on the adjoining wall of the Cemetery by the Government Officer.

W. LEEMING,

Garrison Chaplain.

Half-yearly Report of certain Grave Stones, Tombs, and other Monuments in Saint Mary's Cemetery, Madras, requiring repairs.

Compartment No.	No. of Grave in Cemetery Register.	Date of Death.	Full Name as inscribed on Head Stone.	Rank or Regimental Profession or Calling of Person buried.	General Description of Tomb.	Size of Tomb.	General present Requirements.
8	25	15th May 1849	Mrs. Mary Coultroup	Mother of Mr. Parker Coultroup	Polished Granite on Masonry Plinth.	5 × 5	Plinth requires plastering.
8	13	3rd June 1824	Mrs. Hannah Bounington	Servant to Lady Franklin	Brick-in-mortar	3½ × 2	Requires plastering.
8	4	18th August 1813	Margaret Fraser	Wife of William Fraser	High Structure Brickwork.	10¼ × 10¼	Do.
8	3	9th June 1812	Thomas William Jackson	Serjeant, H. M.'s 25th Regiment, Light Dragoons.	Rectangular Brickwork	8¼ × 3½	Do.
8	11	25th October 1819	Robert Outlaw	Captain, 3rd Regiment, Light Cavalry	Obelisk. Brick-in-mortar.	3½ × 3½	Do.
8	20	24th June 1839	Mrs. Ann Beswick	. . . . .	Do.	7 × 3¾	Do.
8	15	27th December 1824	Francis Boyle	. . . . .	Do.	7¼ × 7¼	Do.
8	18	12th April 1833	Mr. Walter Patrick Joyes	. . . . .	Do.	7½ × 3½	Do.
8	8	14th March 1817	W. H. Slade	Honorable Lieutenant, E. I. C. S.	Do.	7¾ × 4¼	Do.
8	12	25th August 1821	Caroline Talbot	Daughter of G. Talbot, Conductor of Ordnance	Do.	2¼ × 2¼	Do.
8	2	24th September 1811	John Nicholas Brady	. . . . .	Do.	4 × 2¼	Do.
8	6	31st January 1814	John Reid	. . . . .	Do.	8½ × 8½	Do.
8	9	16th November 1817	Richard Davidson	Sub-Assistant Surgeon, H. M.'s Service	Do.	6¾ × 4¾	Do.
8	23	8th March 1839	Mrs. Susan Anderson	Wife of Edward Y. Anderson	Do.	7 × 3¾	Do.
8	16	1828	Susan	. . . . .	Do.	2¼ × 1	Very bad order; requires plastering.
8	17	7th September 1830	Samuel Peach Boutflour	Civil Service	Do.	2¼ × 1¼	Requires plastering.
8	7	28th February 1817	William Lewis	Lieutenant-Colonel	High Structure, Brick-in-mortar.	8 × 8	Do.

9	19	9th May 1815	Edward Malton	Captain, 13th Regiment, M. N. I.	Brick-in-mortar	8½ × 5¾	Do.
9	28	7th March 1821	Margaret Clark	Wife of Conductor S. Clark	Do.	7 × 3¾	Do.
9	41	3rd April 1844	Ellen Girton McNamee	Wife of Lieutenant and Adjutant John McNamee of H. M.'s 57th Regiment.	Do.	7¼ × 3½	Do.
9	22	23rd April 1816	Georgiana Willows	Wife of Lieutenant John Willows of the 25th Regiment, N. I.	Brickwork	6 × 6	Do.
9	40	14th July 1831	Henrietta Dorothea Haig	Wife of Captain James Russell Haig, Deputy Assistant Adjutant-General.	Do.	2¼ × 5	Do.
9	39	12th July 1831 A.D.	Charles Rundall	Lieutenant-Colonel, Deputy Military Auditor-General.	Do.	2¾ × 5	Do.
9	31	4th February 1822	Catherine Elizabeth	The daughter of Captain N. H. Hatherly	Do.	3 × 2	Do.
9	30	30th December 1821	John Roe	H. M.'s 2-30th Regiment	Do.	4¼ × 4¼	Do.
9	50	1st April 1839	James Russell Haig	Major, 34th C. L. I., and Acting Adjutant-General of the Army, Fort St. George.	Do.	7 × 3½	Do.
9	23	2nd June 1816	William Williams	Son of Serjeant John Williams, Pensioner	Do.	4½ × 2½	Do.
9	29	26th May 1821	William Henry Boyle	Son of Lieutenant, 10th Regiment, N. I.	Do.	3½ × 3½	Do.
9	13	25th June 1813	Mr. Francis Gammidge	. . . . .	Do.	7¾ × 3½	Do.
9	10	2nd April 1813	Mr. P. S. R. Higham	Conductor	Do.	3 × 4¼	Do.
9	12	3rd May 1813	William Ross	Cabinet-maker, Madras	Do.	7½ × 6½	Do.
9	8	10th December 1812 A.D.	John Young Porter	Captain, 9th Regiment, N. I.	Do.	5 × 3	Do.
9	24	16th September 1816	Thomas and John Hunt, Brothers.	Master Attendant, Ganjam; latter Head Book-keeper, Accountant-General's Office, Madras.	Do.	5½ × 5½	Do.
9	7	5th March 1813	James Jacobs	School Master	Do.	6 × 4½	Do.
9	26	28th May A.D. 1819	Mrs. Johanna Stephenson	Wife of Mr. J. W. Stephenson	Do.	6¾ × 6¾	Do.
9	11	24th April A.D. 1813	Mr. William Stephenson	Sub-Assistant Surgeon under the Presidency, Fort St. George.	Do.	6 × 6	Do.
9	46	10th July 1835	Charlotte Mary Anne	Wife of Richard Henry Daniel Towle, Mariner	Do.	8 × 4	Do.
9	20	28th September 1815	Lewis Udolphus Wellington	Infant son of Nickolas Heefke	Do.	4¾ × 4¾	Do.
9	4	12th May 1812	W. Weldon	Late Store Sergeant of H. M.'s 80th Regiment.	Do.	9 × 3	Do.
9	2	3rd October 1811	Eliza	Daughter of Captain Dalrymple	Do.	4 × 4	Do.
9	69	. . . . .	John Gammidge	Private of H. M.'s 22nd L. D.	Brick-in-chunam	8 × 3½	Do.
9	17	12th September 1813	Charlotte	Wife of Captain Prior, Royal Navy	Brickwork	8 × 3½	Do.
9	15	21st July 1813	Mary Anne	Daughter of Joseph Prior, Esq.	Do.	3¾ × 2¼	Do.
9	6	16th August 1812	Mark Butler	. . . . .	Brick-in-mortar	4½ × 2½	Do.
9	14	9th July 1813	Louisa Harrison	Daughter of George B. and Harriet Harrison	Brickwork	3½ × 3½	Do.
9	9	2nd February 1813	Hugh Love	Surgeon, H. M.'s S. *Africaine*	Do.	7 × 3½	Do.
9	3	21st April A.D. 1812	John Alexander Somerset Williams.	Late Deputy Register of the Supreme Court	Do.	4 × 2½	Do.
9	18	19th April 1814	Henry Charles	Third son of Samuel Thomas Goad	Do.	8¼ × 8¼	Do.

Half-yearly Report of certain Grave Stones, Tombs, and other Monuments in St. Mary's Cemetery, Madras, requiring repairs—continued.

Compartment No.	No. of Grave in Cemetery Register.	Date of Death.	Full Name as inscribed on Head Stone.	Rank or Regimental Profession or Calling of Person buried.	General Description of Tomb.	Size of Tomb.	General present Requirements.
9	25	9th March 1817	Maria Jane	Wife of Samuel Thomas Goad, Esq.	Brickwork	4 × 2½	Requires plastering.
9	32	10th November 1822	Adam Tate Gibson	Captain, H. M.'s 10th and 51st Regiment, and latterly a merchant of Madras.	Do.	3¾ × 3¾	Do.
9	27	8th September 1819	The children of Maria Jane Howse.	. . . . .	Do.	7½ × 3¼	Do.
9	35	14th January 1835	Mrs. Mary Ann McGovern	Wife of Sub-Conductor John McGovern	Do.	7 × 3½	Do.
9	37	25th June 1842	Mr. Henry Portengen	Superintendent of the Monegar Choultry	Do.	7 × 3½	Do.
10	11	9th April 1812	Mr. John Haliburton	Eldest son of Colonel Haliburton	Do.	7¼ × 3¾	Do.
10	6	28th February 1811	Arthur Poyntz	Quartermaster of H. M.'s 30th Regiment	Do.	6½ × 4½	Do.
10	21	16th May 1822	Mrs. Emilia Perry	Wife of Mr. D. Perry	Do.	4¾ × 4¾	Do.
10	65	21st May 1869	Christopher Read De Lahoyde	Quartermaster-Sergeant, Governor's Body Guard.	Do.	7 × 3½	Do.
10	36	1st May 1824	Peregrine Davie	Captain, 1st Battalion, 24th Regiment, N. I.	Do.	5 × 4	Do.
10	24	11th June 1819	James John	Son of Captain William Ormsby	Do.	4½ × 4½	Do.
10	12	1st September 1812	Mr. Francis Medhurst	A Midshipman of H. M.'s Ship *Malacca*	Do.	5½ × 5½	Do.
10	7	26th June 1811	John Stanley Smith	Ensign, M. E. Regiment	Do.	6 × 3½	Do.
10	4	8th November 1810	Mr. Francis Monisse	. . . . .	High Structure Brickwork.	5¾ × 5¾	Do.
10	1	18th January 1811	Maria Green	Wife of John Green, Conductor of Ordnance	Brickwork	8¼ × 3½	Do.
10	41	17th March 1831	Mr. James Richard Daily	Proprietor of the Madras Tannery	Do.	8 × 4½	Do.
10	37	3rd September 1824	John Dupont Godfrey	. . . . .	Do.	8 × 5	Do.
10	43	25th December 1827	Mrs. Jane Doualdson	. . . . .	Do.	3½ × 3½	Do.
10	49	14th October 1830	William Clamp	Infant son of Brookes, Deputy Assistant Commissary.	Do.	7½ × 3¾	Do.
10	5	8th September 1813	Sarah Shea	. . . . .	Do.	6½ × 3	Do.
10	14	19th September 1812	John Pryee Harrison	Lieutenant, 24th Regiment	Do.	8½ × 5½	Do.
10	13	3rd September 1812	James Locke	Lieutenant, 3rd Regiment, Cavalry, Fort St. George.	Do.	8 × 3½	Do.
10	3	10th September 1810	Charlotte	Wife of James White, Esq., Paymaster, H. M.'s 89th Regiment.	Do.	5¾ × 5¾	Do.
10	39½	20th May 1826	Louisa	Wife of G. E. Askin	Do.	3¼ × 3¼	Do.
11	14	16th September 1806	William Wittington	. . . . .	Do.	8 × 3½	Do.
11	56	18th May 1833	Arthur King	Lieutenant, Deputy Commissary of Ordnance.	Do.	7 × 3¾	Do.
11	26	10th October 1812	Marianna Jebb	Wife of Richard Jebb, LL.D.	Do.	7¾ × 4	Do.

11	54	30th July 1850	Thomas Locke	Captain of the 1st Native Veteran Battalion	Do.	12 × 7½	Do.
11	30	25th July 1814	Edward Dance	. . . . .	Do.	7½ × 5	Do.
7	23	6th March 1841	Michael Pollard	. . . . .	Do.	6¾ × 3¼	Do.
7	1	28th June 1804	Richard Leslie, A.M.	Minister of Fort St. George	Do.	8¼ × 3½	Do.
7	3	27th November 1815.	Charles Alexander James McBain.	. . . . .	Do.	4½ × 4½	Do.
7	4	16th January 1820	Mr. George Childs	. . . . .	Do.	9½ × 6½	Do.
7	46	16th March 1863	Henry Arthur Gilbert Reneaux.	. . . . .	Do.	9 × 4½	Do.
7	20	21st January 1839	Mary Anne	Relict of Mr. Samuel Higginson, Surgeon, Madras Army.	Do.	7 × 3¼	Do.
7	7	29th April 1827	Gilbert Laird	. . . . .	Do.	12 × 10½	Do.
7	44	2nd October 1861	John Hill	Deputy Assistant Commissary and Overseer, D. P. W., Fort St. George.	Do.	7 × 4	Do.
7	10	10th February 1834	Adelaide Wheeler	Captain Richard Wheeler of H. H. Nizam's Service.	Do.	9¾ × 5	Do.
7	11	12th October 1832	Lavinia Josephine Rowbotham.	. . . . .	Do.	2½ × 2½	Do.
7	17	30th August 1836	David Peloquin Hooker	Deputy Commissary of Ordnance	Do.	7 × 3¾	Do.
7	12	1st November 1833	William Henry Golding Mapleton.	. . . . .	Do.	6¾ × 3	Do.
7	31	29th do. 1847	Joanna Frantz	. . . . .	Do.	7¼ × 5¾	Do.
7	41	10th June 1858	Mr. George Edwards	The valued Trustee of the Madras Mutual Benefit Fund.	Do	7½ × 4	Do.
7	13	6th February 1834	H. J. Pattison	Cornet, 4th Regiment, Light Cavalry	Do.	7 × 3½	Do.
7	36	16th March 1852	Mrs. Louisa Walker	. . . . .	Do.	12 × 7¾	Do.
6	4	7th December 1831	Susan Quin	Wife of Mr. Felix Borgonha	Do.	7 × 3¾	Do.
6	46	From Dec. 1857 to March 1860.	W. Bryant G. Martin W. Stubbings R. Offord Color Sergeant T. Edwards E. Garland J. Smith	Who died during the Indian Mutiny	Do.	7 × 3½	Do.
6	56	26th November 1860	Charles Thomas.	Son of Quartermaster A. Williams, H. M.'s 43rd Regiment, Lieutenant.	Do.	7 × 3½	Do.
6	6	20th February 1833	William Bye	Key Serjeant of Black Town	Do.	8 × 4	Do.
6	57	28th September 1861	Charles William Xavier	Medical Student	Do.	7 × 3½	Do.
6	58	31st May 1839	Matilda Adeline Lucas	. . . . .	Do.	6 × 4	Do.
6	7	28th May 1838	Margaret Greaves Marshall	. . . . .	Do	5 × 2½	Do.
6	35	31st August 1852	Frances Margaret Harris	. . . . .	Do.	6½ × 4	Do.

Half-yearly Report of certain Grave Stones, Tombs, and other Monuments in St. Mary's Cemetery, Madras, requiring repairs—continued.

Compartment No.	No. of Grave in Cemetery Register.	Date of Death.	Full Name as inscribed on Head Stone.	Rank or Regimental Profession or Calling of Person buried.	General Description of Tomb.	Size of Tomb.	General present Requirements.
6	31	29th November 1850	Christiana Frances	Wife of Mr. John Castor	Brickwork	14 × 9½	Requires plastering.
6	21	22nd January 1846	Terence C. Corley	Lieutenant, Deputy Assistant Commissary of Ordnance.	Do.	4 × 5	Do.
6	64	13th September 1861	John Edmund Sandford	Son of Frances William	Do.	5 × 2½	Do.
6	55	27th September 1860.	John Ward	Staff Sergeant, Commissariat Department	Do.	4½ × 3¼	Do.
6	2	26th September 1821.	William Urquhart	Projector and original Proprietor of the Commercial Circulator Press.	Do.	6¾ × 9½	Do.
5	25	11th February 1850	Robert Grant Carmichael	Major, 38th Regiment, M. N. I.	Do.	7½ × 3½	Do.
5	74	8th April 1872	William Grant, B.A.	First Uncovenanted Assistant, Board of Revenue, Madras.	Do.	7 × 3½	Do.
5	15	29th August 1875	Kathleen Cosby	Child of John Morries Maskell	Do.	6½ × 3½	Do.
5	41	27th September 1855	Edward Glass Sloan	Son of Mr. William Sloan	Do.	5½ × 3½	Do.
5	29½	29th June 1852	Mrs. Jean Milne	Wife of Overseer John Milne, Commissary Department.	Do.	4 × 2½	Do.
5	38	25th July 1855	Richard O'Hara Steele	The second son of Captain A. Loftus Steele, 6th Regiment, M. N. I.	Do.	5 × 3½	Do.
4	80	26th July 1857	Frances Edmund Plowden	Lieutenant of the 10th Regiment, M. N. I.	Do.	4 × 2	Do.
4	86	4th November 1860	Mr. John James Fitzpatrick	Invalid pensioner, Troop Quartermaster of the Horse Brigade Artillery.	Do.	5 × 2½	Do.
4	11	30th June 1820	Mrs. Mary Murray	The wife of Serjeant-Major Andrew Murray	Do.	7 × 3	Do.
4	71	5th December 1853	Ellen Maria	Son of Mr. John White	Do.	4½ × 3	Do.
...	...	15th November 1851	Angelica	Wife of Mr. Thomas Burghall	Do.	8 × 8	Do.
3	5	4th August 1813	William Greig, Esq.	. . . . .	Do.	14 × 14	Do.
2	81½	7th November 1869	F. Pace	Lieutenant, H. M.'s 45th Regiment, S. F., son of Major Pace.	Do.	6 × 4	Do.
2	86	24th December 1870	Frederick James Lawder	Quartermaster, 10th Regiment, M. N. I.	Do.	8 × 4	Do.
1	1	6th August MDCCCIX	Jacob Anderson, M.D.	. . . . .	Do.	20 × 15	Do.
1	3	23rd April 1810	Mrs. Ann Anderson Young	Daughter of Doctor James Anderson, Physician General, relict of Charles Wallace Young.	Do.	9 × 4¼	Do.
1	2	8th May 1809	George Westcott	. . . . .	Do.	8 × 4	Do.
1	4½	17th July 1811	Cecilia Matilda	Daughter of the Reverend Edward Vaughan, Senior Chaplain of Fort St. George.	Do.	6¾ × 4	Do.
14	4	7th April 1808	Edward Collins	Major-General	Do.	6¾ × 6¾	Do.

14	5	26th December 1808 .	George Wahab . . .	Do.	Do. . . .	10 × 10	Do.
1	18	24th June 1860 . .	Isaac James Kingston .	Assistant Apothecary, Madras Medical Establishment.	Do. . . .	7 × 3¾	Do.
14	17	22nd January 1868 .	Anne Maria . . .	Wife of John Bennett	Do. . . .	9 × 4¾	Do.
14	27	28th February 1864 .	Matilda Sophia . . .	Wife of Sergeant-Major E. Tweddle, 2nd Regiment, M. N. I.	Do. . . .	7 × 3¾	Do.
14	24	7th November 1862 .	Clarissa Wilhelmina . .	Wife of Sergeant R. D. Jones, Royal Artillery.	Do. . . .	7 × 3½	Do.
15	20	6th February 1855 .	Frank Munroe . .	Staff Sergeant, Commissary Department .	Do. . . .	7 × 3½	Do.
16	19	22nd May 1833 . .	Daniel Doherty . .	Assistant Surgeon, H. M.'s 49th Regiment of Foot.	Do. . . .	6¼ × 3¾	Do.
15	8	28th November 1864 .	William Komareck . .	. . . . .	Do. . . .	7 × 3½	Do.
16	26	4th March 1835 .	John Onely Hall Andrews .	Assistant Surgeon	Do. . . .	6¼ × 3¾	Do.
16	21	20th August 1833 .	Benjamin Blake . .	Major, 45th Regiment, M. N. I. . . .	Do. . . .	7 × 3½	Do.
16	20	20th July 1833 . .	Cornelia Maria Anne Townsend.	. . . . .	Do. . . .	7 × 3½	Do.
14	7	30th September 1823 .	David C. Stewart . .	Captain, 2nd Battalion, 12th Regiment . .	Do. . . .	7¼ × 3½	Do.
13	37	3rd August 1800 .	Mr. James Rammie . .	. . . . .	Do. . . .	5 × 5	Do.
14	6	24th March 1809 .	Charles Maxtone . .	A Senior Merchant in the service of the Honorable E. I. Company.	Do. . . .	13 × 13	Do.
13	81	14th July 1831 . .	Lawrence Henry Edmonstone.	Son of P. Edmonstone Craigie, Major in H. M.'s 55th Regiment.	Do. . . .	2¾ × 2¾	Do.
13	38	12th February 1801 .	Mr. George Andrews Ram .	Honorable Company's Civil Establishment .	Do. . . .	7 × 3½	Do.
13	47	20th August 1805 .	Richard Griffiths . .	. . . . .	Do. . . .	7¾ × 7¾	Do.
13	4	4th June 1780 . .	John Small . . .	. . . . .	Do. . . .	5¼ × 2	Do.
13	24	5th September 1798 A.D.	Thomas Peters . . .	Captain in the Honorable East India Company.	Do. . . .	10¼ × 4¾	Do.
13	23	11th August 1798 .	Charles Oram . . .	Assistant Surgeon	Do. . . .	6½ × 3	Do.
13	27	20th February 1799 .	Miss Margaretta Juliana Frend.	. . . . .	Do. . . .	4½ × 3	Do.
13	90	18th May 1836 . .	Arthur Rowlandson, M.A. .	. . . . .	Do. . . .	7¼ × 3½	Requires plastering for basement only.
13	70	2nd March 1823 .	Alexander Major . .	Lieutenant, H. M.'s 41st Regiment . .	Do. . . .	7¼ × 3½	Requires plastering.
13	73	30th May 1825 . .	George Johnson . .	Do. do. do. . .	Do. . . .	7¼ × 3½	Do.
13	85	9th August 1833 .	J. A. Penman . . .	Surgeon	Do. . . .	7¼ × 3½	Do.
13	49	8th May 1807 . .	Miss Caroline Johns . .	Daughter of Daniel Johns	Do. . . .	9 × 5	Do.
13	55	16th November 1808 .	Thomas Bowyen Hurdis .	A Senior Merchant in the service of H. C. and one of the Judges of the Sadder Court.	Large Tomb, Brickwork.	9 × 9	Do.
13	57	March 1809 .	Mrs. Catherine Hurdis .	Widow of T. B. Hurdis	Do. . . .	5¼ × 5¼	Do.
13	88	23rd July 1835 .	Sir John Gordon, Baronet .	Major, H. M.'s 13th Light Dragoons . .	Do. . . .	7 × 3½	Do.

Half-yearly Report of certain Grave Stones, Tombs, and other Monuments in St. Mary's Cemetery, Madras, requiring repairs—continued.

Compartment No.	No. of Grave in Cemetery Register.	Date of Death.	Full Name as inscribed on Head Stone.	Rank or Regimental Profession or Calling of Person buried.	General Description of Tomb.	Size of Tomb.	General present Requirements.
13	99½	27th February 1849	Mrs. Mary Critchlow	. . . . .	Large Tomb, Brick-work.	7 × 5½	Requires plastering.
16	23	15th June 1834	Elizabeth	Wife of Simon Fonceca	Do.	7 × 3½	Do.
13	80	5th May 1831	Anne	Eldest daughter of the Reverend F. J. Darrah, M.A., Chaplain, H.E.I.C.S.	Do.	8 × 3½	Do.
13	105	. . . . .	Alfred	The son of James and Susannah Mitchell	Do.	5½ × 3¼	Do.
13	67	26th September 1821	John Hay	Lieutenant, 34th Regiment	Do.	. . .	Do.
13	87	19th May 1834	Christopher Dexter	Lieutenant, H. M.'s 63rd Regiment	Do.	6¾ × 3½	Do.
13	48	16th January 1807	George Balmain, Esq.	Madras Civil Service	Do.	15 × 15	Do.
13	68	29th May 1822	Mrs. Hanrietta McKenzie Robson.	Wife of Captain Fellex Robson, 16th Regiment, Madras Native Infantry.	Do.	6 × 6	Do.
13	36	27th May 1800	James Rodgers	Major in the Hon'ble Co.'s Service and Military Auditor-General in the Island of Ceylon.	Do.	4½ × 4½	Do.
13	82	28th July 1832	Charles Francis Haleman	Son of Major Fs. Haleman	Do.	7 × 3½	Do.
13	20	1st September 1797	Mrs. Eleanor Nuthall	. . . . .	Do.	9 × 9	Do.
13	71	29th September 1824	Ann Henshaw	Wife of Lieutenant-General Thomas Bowson of Madras Army.	Do.	7¾ × 5¾	Do.
13	21	22nd July 1797	James Morris	Merchant of Madras	Do.	7 × 3½	Do.
13	60	23rd February 1816	Edd. Paulet Colebrooke	Do. do.	Do.	7 × 4¼	Do.
13	104	July 1880	Anna Henshaw	. . . . .	Do.	6 × 6	Do.
13	83	15th November 1832	Jane	Daughter of John Gray, Lieutenant, 51st Regiment.	Do.	7 × 3½	Do.
13	63	15th August 1817	James Gordon	Lieutenant, H. M.'s 25th Light Dragoons	Do.	9¾ × 6¾	Do.
13	54	30th September 1808	William Wade	Do. do. do.	High Structure	11 × 11	Do.
16	11	2nd February 1795	Mr. John Henderson	. . . . .	Brickwork	7 × 3¾	Do.
13	14	22nd March 1788	Sophia Bulman	Wife of John Bulman	Do.	8 × 4	Do.
13	61	18th March 1816	Mrs. Maria Blyth	. . . . .	Do.	8 × 4	Do.
13	103	17th September 1868	William Charles Patrick	Son of Mr. and Mrs. C. C. Sevenoaks	Do.	6 × 3½	Do.
13	75	15th May 1826	Lewis Cramer	Lieutenant, H. M.'s Ship *Rainbow*	Do.	6 × 3½	Do.
13	28	6th April 1799	John D. E. Beighling Franke	. . . . .	Do.	4½ × 2½	Do.
13	97	5th October 1842	Thomas Richard	Second son of Mr. and Mrs. W. C. Boyton	Do.	10½ × 9	Do.
13	66	14th August 1819	Jane	Wife of Edd. Ranken	Do.	6¾ × 3¾	Do.
13	99	25th August 1846	Charles Boldex	Captain, 24th Regiment, Deputy Assistant Quartermaster-General, Centre District.	Do.	6¾ × 3¾	Do.

13	52	17th May 1808	Peter Gardner	Lieutenant	Do.	7 × 3	Do.
12	75	21st September 1840	Edward Slack	Lieutenant, 13th Regiment	Do.	7 × 4	Do.
13	53	24th September 1808	John Graham	Military Cadet	Do.	8¼ × 3½	Do.
13	84	20th June 1833	Vance Young Donaldson	Infant son of Captain and Mrs. Browne, H. M.'s 57th Regiment.	Do.	7¼ × 4	Do.
12	11	3rd June 1788	Mrs. Catherine Edington		Do.	6¾ × 4¼	Do.
12	35	12th April 1810	P. L. Lambert	Lieutenant, 6th Regiment, Madras Native Infantry.	Do.	6¾ × 6¾	Do.
12	31	29th October 1808	Mary Ann Neale	Daughter of Daniel Neale and Eliza, his wife	Do.	6¼ × 6¼	Do.
12	58	8th August 1831	Æneas Macdonell Nicholson	Captain, H. M.'s 55th Regiment	Do.	7¾ × 7¾	Do.
12	81	18th April 1842	Mary Louisa	Wife of Captain R. B. Preston, 17th Regiment, Madras Native Infantry.	Brickwork, High Structure.	7 × 3½	Do.
12	43	18th March 1817	George Hay, Esq.		Brickwork	6¾ × 6¼	Do.
12	63	27th August 1832	Martha	Second daughter of Admiral Robert Montague	Do.	5¾ × 2¾	Do.
12	66	8th November 1832	Thomas Aulin	Lieutenant, 57th Regiment, Madras Native Infantry.	Do.	5 × 3½	Do.
12	62	24th July 1832	Mrs. Anne Cotton	Wife of Captain W. Cotton	Do.	3½ × 3½	Do.
12	48	28th September 1822	Arthur A. Chatfield	Ship *Daphne*	Do.	7 × 3½	Do.
12	57	13th March 1831	Elizabeth Jane	Wife of Henry William Lovewell, Esq.	Do.	6 × 6	Do.
17	47	13th June 1803	Thomas Jollie, Esquire		Do.	7½ × 3½	Do.
17	2	12th October 1767	Frances	Wife of John Grifen	Do.	6½ × 3¼	Do.
12	49	8th February 1824	Mr. Lency Carter		Do.	8¼ × 8¼	Do.
12	52	6th June 1825	Erskine	C. B., Lieutenant-Colonel, H. M.'s 48th Regiment.	Do.	4 × 4	Do.
12	32	15th July 1809	Henry Inman, Esquire	A Captain in the Royal Navy	High Structure Brickwork.	7¼ × 7¼	Do.
12	36	10th January 1857	Mr. Ben. Johnson		Do. do.	9¾ × 7¾	Do.
12	37	3rd August 1816	Joseph	Son of William and Charlotte Tapsall	Brickwork	9¼ × 7	Do.
12	26	28th November 1799	James Ferrier Connell		Do.	3¾ × 2½	Do.
12	72	23rd March 1837	Robert Frances	Captain, 1st Native Infantry Bte.	Do.	5¼ × 3	.....
12	86	21st February 1877	Philip Lateward Codd	Her Majesty's Indian Army	Polished Granite Stone	5¼ × 3	Requires plastering for basement.
12	76	20th July 1841	Walter Foster Ker	Captain, H. M.'s 9th Regiment of Foot; Brigade-Major to Her Majesty's Forces.	Brickwork	7 × 3½	Requires plastering.
12	74	31st July 1840	Caroline Jane	The younger daughter of William Dalrymple Shaw, Calcutta.	Do.	5 × 2¾	Do.
12	80	22nd January 1843	Thomas William	Son of Mr. Thomas Hogg, Apothecary	Do.	5 × 3	Do.
12	68	21st November 1833	Maria	Wife of Overseer Edward Cullin	Do.	3¼ × 3¼	Do.
12	54	6th December 1827	Mrs. Mary Anne Patterson	The wife of Sergeant John Patterson, of H. M.'s 54th Regiment.	Do.	6¼ × 6¼	Do.
12	41	20th November 1813	Robert Hughes	Captain, the 24th Regiment, Native Infantry.	Do.	7 × 3½	Do.

Half-yearly Report of certain Grave Stones, Tombs, and other Monuments in St. Mary's Cemetery, Madras, requiring repairs—continued.

Compartment No.	No. of Grave in Cemetery Register.	Date of Death.	Full Name as inscribed on Head Stone.	Rank or Regimental Profession or Calling of Person buried.	General Description of Tomb.	Size of Tomb.	General present Requirements.
12	79	21st November 1841	Martha	The wife of Captain J. S. Sherman, 13th Regiment, Native Infantry.	Brickwork	7 × 3½	Requires plastering.
12	24	30th January 1795	Mrs. E. Elizabeth Capper		Do.	9 × 4¼	Do.
12	98	No	J. A. Preston and Sophia, his sister.	Two infants	Do.	4¾ × 3¾	Do.
		16th July 1815	William Garron	Madras Civil Service	Do.	8¼ × 4¼	Do.
17	49	23rd April 1804	James Innes	Lieutenant-Colonel, Commandant of the 2nd Battalion of the 13th Regiment, Native Infantry.	Do.	8 × 3¾	Do.
12	47	21st June 1822	Haster Anna	Wife of Charles Highmore Potts, Lieutenant in H. M.'s 54th Regiment.	Do.	7½ × 7½	Do.
12	39	23rd April 1815	Susanna Finnes	Wife of John Finnes, Paymaster of H. M.'s 56th Regiment of Foot.	High Structure	10 × 10	Do.
12	9	9th October 1786	William Popham	Son of Stephen Popham, Esq.	Brickwork	8½ × 6	Do.
12	28	9th September 1801	Elizabeth	Daughter of Mr. Stanhope, Deputy Commissary	Do.	6½ × 3½	Do.
12	40	1st April 1812	Mrs. Madelonette Vanspall		Do.	8½ × 3¾	Do.
12	33	XXVII July MDCCCIX	Jane	Daughter of Captain Crawford, wife of Mr. Thomas Bistles of Madras.	Do.	5½ × 5½	Do.
11	47	1st October 1827	Mrs. Catherine O'Meara	Wife of Sergeant J. O'Meara of the Commissariat Department.	Do.	5 × 3¼	Do.
11	73	23rd April 1846	Joseph Michael	Son of Joseph and Elizabeth Rigmood	Do.	10¼ × 9¾	Do.
11	34	29th November 1817	John Richardson Verno	Colonel Commanding the 2nd Battalion, 22nd Regiment, Native Infantry.	Do.	5½ × 5½	Do.
11	59	25th August 1834	Josepha Sutherland	Infant daughter of the late John Sutherland	Do.	4½ × 2¾	Do.
11	42	5th September 1825	Mr. A. S. Ponton		Do.	7 × 3½	Do.
11	21	19th March 1810	Mrs. Sophia Eliza Oliver		Do.	5 × 5½	Do.
11	54	21st December 1832	Mrs. Eliza Amelia Heggar	The wife of Thomas Heggar, Veterinary Surgeon of the 1st L. Cavalry.	Do.	5¾ × 3	Do.
11	11	29th October 1805	Rev. J. F. Hartwell	Bengal Establishment	Do.	4½ × 4½	Do.
11	37	1st January 1821	James S. Spankle	Captain of the Madras European Regiment	Do.	7¼ × 3½	Do.
11	44	10th October 1825	John Ford	Ensign, H. H.'s 69th Regiment of Foot	Do.	7¾ × 3¼	Do.
11	45	16th October 1826	T. M. Sinkins	Lieutenant, H. M.'s 46th Regiment of Foot	Do.	6¾ × 3½	Do.
11	40	5th March 1825	John Penn	Lieutenant, H. M.'s 69th Regiment of Foot	Do.	6½ × 3½	Do.
11	2	A.D. MDCCCIX	Paul Jodrell Milits, M.D.		Do.	8½ × 3½	Do.

11	38	15th January 1824	George Henderson, Esq.	A passenger on board the homeward bound ship *Ganges*.	Do.	8 × 6	Do.
11	12	4th February 1806	The Honorable C. Carleton	Lieutenant-Colonel	Do.	6 × 6	Do.
11	28	17th October A.D. 1813	Robert Anderson, Esq.	Master Attendant, Madras	Do.	6½ × 6½	Do.
11	41	21st August 1825	Mrs. Mary Smith	Wife of William Smith, Esq., Surgeon of H. M.'s 15th Regiment.	Do.	3½ × 3½	Do.
11	10	27th August 1805	Mr. Allen Spottiswood		Do.	8¾ × 3½	Do.
11	31	5th „ 1814	John McDonald, Esq.		Do.	9 × 9	Do.
11	20	20th February 1809	George Robert Moss		Do.	4¾ × 4¾	Do.
11	18	13th „ 1808	Mr. John Stevens		Do.	3¼ × 3¾	Do.
11	49	24th July 1828	William Parrie		Do.	3¾ × 3¾	Do.
11	69	5th November 1843	Elizabeth	Wife of Assistant Apothecary A. Lynn	Do.	3¼ × 3¼	Do.
11	27	27th July 1813	Mrs. Hellen Thoy	Wife of Robert Thoy, Sub-Assistant Surgeon of the Military Male Orphan Asylum.	Do.	8¾ × 5½	Do.
11	19	25th October 1808	Mrs. Jenny Baily		Do.	3¼ × 3¼	Do.
11	16	31st „ 1807	Richard Fleming		Do.	5 × 5½	Do.
11	32	27th „ 1814	Erasmus Saunders	Lieutenant, Adjutant of the 2nd Regiment of Native Cavalry.	Do.	7½ × 4½	Do.
11	24	23rd January 1811	Elizabeth Henrey	Daughter of Quartermaster William Henrey, H. M.'s 69th Regiment.	Do.	4¼ × 2¾	Do.
11	64	9th March 1839	Esther	Wife of Mr. Robert Carr	High Structure	12¼ × 7¾	Do.
11	86	3rd June 1859	William Ponsonby Ewing		Do.	6 × 3	Do.
11	15	25th October 1807	Mr. Michael Hughes	Conductor of Ordnance	Do.	5 × 5	Do.
10	30	25th March 1822	R. Blackie, Esq.	H. M.'s 55th Regiment	Do.	6¾ × 3¼	Do.
10	16	28th January 1814	Mr. James Doblin	Merchant	Do.	8 × 4½	Do.
10	46	6th August 1829	Mr. H. W. Lewcock		Brickwork	7 × 4	Do.
10	70	30th April 1860	Riversdale Elliot	Cornet in H. M.'s 1st (King's) Regiment of Dragoon Guards.	Do.	7 × 3½	Do.
10	60	10th June 1848	William O'Conner	Brevet-Major of the 25th Regiment (The King's Own Borderers.)	Do.	5¾ × 3¼	Do.
10	26	5th November 1820	Gilbert Briggs, Esq.	Captain, H. M.'s 89th Regiment	Do.	6½ × 3	Do.
10	38	20th September 1824	Charles Coates		Do.	6½ × 3	Do.
10	45	26th November 1828	Lieutenant A. B. Johnson Ensign W. Bristowe	Both of the 16th Regiment, Native Infantry	Do.	7 × 4	Do.
10	61	6th „ 1849	Eliza Matilda	Wife of Lieutenant A. T. Alexander, 42nd Regiment, Native Infantry.	Do.	7 × 3¾	Do.
10	19	24th October 1814	Robert	Son of George Elizabeth Arbuthnot	Do.	6 × 6	Do.
10	9	5th September 1811	Charles Foot	Captain of His Majesty's Ship *Piedmontese*	Do.	4 × 4	Do.
10	15	4th December 1812	Frederick Harris	Son of Charles and Maria Harris	Do.	3¾ × 3¾	Do.
10	20	19th December 1814	John Seton	Infant son of Colonel Alexander Macgregor Murray.	Do.	4 × 2½	Do.

Half-yearly Report of certain Grave Stones, Tombs, and other Monuments in St. Mary's Cemetery, Madras, requiring repairs—continued.

Compartment No.	No. of Grave in Cemetery Register.	Date of Death.	Full Name as inscribed on Head Stone.	Rank or Regimental Profession or Calling of Person buried.	General Description of Tomb.	Size of Tomb.	General present Requirements.
10	22	5th November 1815 .	William	Son of Captain Tongue, of H. M.'s 30th Regiment.	Brickwork . . .	3¾ × 3¾	Requires plastering.
10	23	10th November 1817 .	John Chinnery, Esq. . .	H. E. I. Co.'s Civil Service	Do. . . .	4½ × 4½	Do.
10	10	29th September 1811 .	William Danson . .	Captain of H. M.'s Ship *Piedmontese* . .	Do. . . .	8 × 4	Do.
10	34	20th October 1823 .	Mrs. Emma Cassam . .	Wife of Mr. Peter Cassam	Do. . . .	4¼ × 4¼	Do.
10	56	9th May 1845 . .	Ellen Veda Upshon . .	. . . . .	Do. . . .	7 × 3¾	Do.
10	17	10th May 1814 . .	John Mair . . .	. . . . .	Do. . . .	7¼ × 7¼	Do.
10	27	11th March 1821 .	Robert Stevenson, Esq. .	. . . . .	Do. . . .	7 × 3¼	Do.
10	25	21st January 1820 .	Thomas Kendle Smith .	Lieutenant, M. 46th Regiment . . .	Do. . . .	6¼ × 3¼	Do.
10	18	24th October 1814 .	Charles Chambers . .	1st Battalion, 11th Regiment, Native Infantry	Do. . . .	6½ × 4	Do.
9	21	8th January 1816 .	Eliza	Infant daughter of Griffin and Jane Orton .	Do. . . .	3¾ × 3¾	Do.
9	66	18th May 1861 . .	Mrs. Margaret Orford .	Widow of Joseph Orford, Conductor of Ordnance, and eldest daughter of Mr. Edward Atkinson, Deputy Commissioner of Ordnance.	Do. . . .	7¼ × 3¾	Do.
9	36	22nd July 1830 . .	Mary	The wife of Conductor of Ordnance J. Orford, offspring Thomas Samuel Price.	Do. . . .	3 × 2½	Do.
17	8	8th October 1782 .	Charles Wood . . .	Captain Commander of His Majesty's Ship *Worcester*.	Do. . . .	6¾ × 3¼	Do.
17	37	27th September 1797 .	George Hall . . .	Lieutenant-Colonel	Do. . . .	7¾ × 7¾	Do.
17	36	22nd August 1797 .	Andrew Ross, Esq. . .	One of His Majesty's Justices of the Peace for Madras.	Do. . . .	9 × 9	Do.
17	50	3rd May 1804 . .	Allan Grant . . .	Captain	Do. . . .	9 × 4¼	Do.
17	45	28th June 1802 . .	Thomas Woodall . .	Major of His Majesty's 12th Regiment . .	Do. . . .	11½ × 7¼	Do.
17	16	4th June MDCCLXXXVII	Honorable George McKenzie	2nd son of the Earl of Cromarty, Lieutenant-Colonel of His Majesty's 7th Regiment.	Do. . . .	6½ × 6½	Do.
17	42	18th June 1800 . .	Alexander Kerr. . .	. . . . .	Do. . . .	4¼ × 4¼	Do.
17	32	July 1796 and October 1797.	Alexander and William .	The infant sons of Alexander Falconer and Eliza.	Do. . . .	9½ × 9½	Do.
17	74	14th July 1860 . .	John Taylor . . .	The beloved husband of Mrs. Anne Taylor, who was Manager in the Office of the Commissioner of Mysore.	Do. . . .	8½ × 8½	Do.
17	31	8th June 1796 . .	Mrs. Grace Henderson .	. . . . .	Do. . . .	10 × 5¾	Do.
17	7	9th July 1782 . .	Harriet Opton . . .	. . . . .	Do. . . .	2¼ × 1¼	Do.

17	30	17th May 1796	Alexander Foulis	. . . . .	Do.	6½ × 6½	Do.
17	55	5th November 1807	Walter Grant	Master in Equity in the Supreme Court of Judicature at Madras.	Do.	13¼ × 8	Do.
17	58	18th June 1808	Thomas Annesley Browne	. . . . .	Do.	6 × 6	Do.
17	40	10th July 1799	James Gall, Esq.	. . . . .	Do.	7½ × 3¾	Do.
17	72	30th January 1821	John Tullot	. . . . .	Do.	4 × 4	Do.
17	69	29th May 1819	John Tullot	Lieutenant of 1st Ceylon Regiment of Light Infantry.	Do.	6¼ × 3¾	Do.
17	68	30th September 1816	The Rev. Frederick White, M.A.	Trinity College, Cambridge	Do.	8½ × 5¾	Do.
17	46	28th November 1802	James West	. . . . .	Do.	8¼ × 3¾	Do.
17	56	21st December 1807	Mr. Henry Charles Gilmore	Rungporin, Bengal	Do.	8¼ × 3½	Do.
17	19	13th October 1787	Mr. Daniel Russell	. . . . .	Do.	6¼ × 3¼	Do.
17	65	4th February 1815	George Elliot	Captain, eldest son of the Right Honorable Hugh Elliot, Governor of Fort St. George.	Do.	10½ × 5	Do.
17	67	7th November 1815	P. L. Heydinger, Esq.	Private Secretary to the Right Honorable Hugh Elliot, Governor of Madras.	Do.	7½ × 4½	Do.
17	71	27th January 1820	John Bryan Pybus	Civil Service	Do.	7½ × 4	Do.
17	20	15th May 1788	Mr. Daniel Cameron	. . . . .	Do.	6¼ × 3½	Do.
17	51	30th August 1805	G. G. Richardson	. . . . .	Do.	6 × 6	Do.
17	15	5th June 1822	James Stringer, Esq	Late of Madras	Do.	11¼ × 8	Do.
17	24	10th August 1789	George Savage, Esq.	. . . . .	Do.	8½ × 8½	Do.
		23rd January 1785	De Le Rochele	. . . . .	Do	2 × 1	Do.
17	5	8th November 1773	Thomas Madge, Esq.	Major of the Honorable Company's Service	Do.	6 × 2¼	Do.
17	26	21st June 1791	R. Van. Meirop, Esq.	. . . . .	Do.	6 × 3¼	Do.
2	30	25th October 1829	Rev. Alexander Webster	Senior Chaplain of the Scotch Church	Do.	2¾ × 1	Do
...	...	None.	Elizabeth	Infant daughter of Rev. Alexander and Mrs. Webster.	Do.	2½ × 1	Do.
2	2	6th August 1813	Hannah Harries	Daughter of John Harries, Esq.	Do.	5½ × 5½	Do.
2	38	28th August 1835	Mr. Francis Lupton	Sub-Assistant Surgeon, H. C. S.	Do.	7 × 3½	Do.
2	12	4th December 1817	Gilbert Ricketts	. . . . .	Do.	5¾ × 5¾	Do.
2	28	27th May 1824	John Douglas White, Esq.	Member of Medical Board	Do.	7½ × 7½	Do.
...	...	1st October 1817	John Pater	Lieutenant-General	Do.	4½ × 4½	Do.
2	16	26th January 1819	Andrew McCally	Lieutenant-Colonel and Brevet-Colonel of the H. C. S. on the Madras Establishment.	Do.	6¼ × 6¼	Do.
2	45	24th June 1845	Sarah Adelade	Wife of John Edward Price	Do.	5 × 2½	Do.
2	15	27th December 1818	Doctor David Temasfield	. . . . .	Do.	7 × 3½	Do.
2	22	14th July 1820	Harriet Sophia Baines	. . . . .	Do.	4¼ × 4¼	Do.
2	17	1st February 1819	T. J. West	Lieutenant, Madras Artillery	Do.	4¼ × 4¼	Do.
2	13	20th June 1818	Eliza Williams	. . . . .	Do.	4¼ × 4¼	Do.
...	...	22nd March 1815	Austin Edmund	. . . . .	Do.	6¾ × 6¾	Do.

Half-yearly Report of certain Grave Stones, Tombs, and other Monuments in St. Mary's Cemetery, Madras, requiring repairs—concluded.

Compartment No.	No. of Grave in Cemetery Register.	Date of Death.	Full Name as inscribed on Head Stone.	Rank or Regimental Profession or Calling of Person buried.	General Description of Tomb.	Size of Tomb.	General present Requirements.
2	11	15th August 1817	Robert	Infant son of J. S. Sherman	Brickwork	3 × 3	Requires plastering.
2	24	15th June 1821	Mrs. Sarah Murray		Do.	7¼ × 4	Do.
2	34	22nd May 1833	Mr. James Fraser		Do.	7¼ × 4	Do.
2	6	10th October 1815	Major Joseph	H. M.'s 22nd Regiment	Do.	7½ × 5	Do.
2	40	11th September 1837	Juliana Mary	Daughter of M. E. C. Griffiths	Do.	7 × 4	Do.

W. LEEMING,
Garrison Chaplain, Madras.

W. H. BURTON, *Lieut.-Colonel, R.E.,*
Executive Engineer.

Chepauk, 10th December 1881.

Statement of the Affairs of the Bank of Bengal for the week ending 22nd May 1882.

LIABILITIES.	Rs.	A.	P.
Capital paid-up	2,00,00,000	0	0
Reserve Fund	30,11,916	4	4
Public Deposits at Head Office (Rs. 85,38,076 13 0)	2,03,35,619	11	7
Public Deposits at Branches (Rs. 1,17,97,542 14 7)			
Other Deposits at Head Office and Branches	2,43,84,545	12	11
Bank Post Bills, &c.	3,62,291	1	9
Sundries	15,49,546	13	2
RUPEES	6,96,43,919	11	9

ASSETS.	Rs	A.	P.
Government Securities	77,54,456	14	0
Other authorized Investments	44,56,355	0	0
Loans on Government and other authorized Securities	77,15,659	10	10
Accounts of Credit on Government and other authorized Securities	52,24,204	3	0
Bills discounted and purchased	2,23,09,466	15	3
Balances with other Banks	8,42,418	8	10
Bullion	5,45,714	7	2
Dead Stock	12,04,143	5	1
Stamps	9,481	6	0
Sundries	3,79,814	15	10
	5,04,41,715	6	0
Cash and Currency Notes at Head Office (Rs. 64,61,942 13 10)	1,92,02,204	5	9
Cash and Currency Notes at Branches (Rs. 1,27,40,261 7 11)			
RUPEES	6,96,43,919	11	9

By order of the Directors.

BANK OF BENGAL.
Calcutta, 25th May 1882.

J. GORDON.
Chief Acctt. & Depy. Secretary.

W. D. CRUICKSHANK.
Offg. Secy. & Treasurer.

Report of a Deserter from the 2nd Battalion, Royal Warwickshire Regiment of Foot, dated at Fort William, Calcutta, this 22nd day of May 1882.

Number, Rank, and Name,—Recruit William McGonagle, Private (no number).
Age,—24 years 5 months.
Size,—5 feet 5 inches.
Colour of—
Complexion, florid; Hair, dark brown; Eyes, light brown.
Date of Desertion,—16th May 1882.
Place of Desertion,—Fort William, Calcutta.
Date of Enlistment,—25th March 1882.
At what Place Enlisted,—Fort William, Calcutta.
Parish and County in which Born,—Templemore, Movill, Donegal.
Marks,—None.
Trade,—Laborer.
Coat or Jacket,— } Plain clothes.
Waistcoat,— ... } Plain clothes.
Breeches or Trowsers,— ... } Plain clothes.
REMARKS—
Under 1 year's service.

L. B. HOLE, *Lieut.-Col.,*
Comdg. 2nd Battn., the Rl. Warwickshire Regt.

Report of a Deserter from the Left Wing, 2nd Battalion, Dorsetshire Regiment of Foot, dated at Delhi, this 19th day of May 1882.

Number, Rank, and Name,—No. 26Bde.—1707, Private Samuel Moss.
Age,—24 years.
Size,—5 feet 6½ inches.
Colour of—
Complexion, fresh; Hair, brown; Eyes, blue.
Date of Desertion,—15th May 1882.
Place of Desertion,—Delhi, Bengal, East Indies.
Date of Enlistment,—17th September 1878.
At what Place Enlisted,—Calcutta.
Parish and County in which Born,—Manchester, Lancashire, England.
Marks,—Tattooed on both arms and body.
Trade,—Groom.
Coat or Jacket,— } Regimentals.
Waistcoat,— ... } Regimentals.
Breeches or Trowsers,— } Regimentals.
REMARKS,—(The above-named soldier came from Australia, where he enlisted, where he is supposed to have friends). Obtained a pass for the purpose of going to Roorkee.
Under 4 years' service.

W. E. WILKINSON, *Major,*
Comdg. Left Wing, 2nd Battn., Dorsetshire Regt.

Weekly Statement of Silver tendered, of Certificates issued, and Silver Balance in the Mint.

DATE.	SILVER TENDERED, ESTIMATED VALUE.	CERTIFICATES ISSUED ON		BALANCE OF BULLION		
		General Treasury.	Currency Department.	Under Assay.	Assayed.	Held on account of the Currency Department.
1882	Rs.	Rs	Rs	Rs.	Rs.	Rs.
May 15	...	28,927	1,00,695	301	90,79,663	40,98,679
" 16	...	29,366	..	301	91,83,132	40,71,128
" 17	...		..	301	91,83,132	40,71,128
" 18	1,408	20,693	320	1,408	91,73,597	40,43,599
" 19	..	29,673	...	1,408	91,80,872	40,15,826
" 20	..	16,477	...	1,408	91,82,372	40,00,351

CALCUTTA MINT.
The 22nd May 1882.

J. F. TENNANT, *Col., R.E.,*
Mint Master.

CURRENCY NOTES.

The following Currency Notes of the Government of India are stated to have been lost, and payment of their value has been claimed by the persons whose names are placed against the numbers. Any other person having these Notes in his possession, or claiming a right to them, is warned to communicate at once with the undersigned:—

Bombay Circle.

NOTES WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Notes.	Value.	Name of Claimant.
1882.		Rs.	
W16	M 44—67791	100	S. A. Joseph, Bombay.
W17	M 39—67535	1,000	Magan Jetha, Bombay.
W18	M 66—22706	100	Saroda Prasad Ghosh, Ishapore.
	" —22724	100	

BOMBAY,
The 23rd May 1882.

W. T. PIERCY,
Assistant Accountant General, P.C.,
for *Commissioner.*

Calcutta Circle.

NOTES WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Notes.	Value. Rs.	Name of Claimant.
39	O 32—75942	50	Mirza Ata Hossein.
40	O 65—36937	50	Ram Bolly Dass.
41	E 18—81612	10	Iswar Chandra Nandi.
42	O 97—59231	100	Shaik Ellem Chand.
43	O 97—51894	100	Messrs. Gillanders, Arbuthnot & Co.
	,, —34546	100	
	,, —31191	100	
	,, —20703	100	
44	O 97—27402	100	Raghoo Nath Parshad.
45	P 10—25687	100	Abinash Chunder Dutt.

CALCUTTA,
The 26th May 1882.

J. TAYLOR,
Asst. Comptlr. Genl., Paper Currency.

POST OFFICE.

NOTIFICATIONS.

Simla, the 15th May 1882.

After the 1st July 1882, parcels addressed to China will be forwarded *viâ* Bombay by Peninsular and Oriental Steam Navigation Company's Steamer exclusively.

2. Consequently the *outer* cover (*vide* Clause 200 of the Postal Guide, dated January 1882) of parcels for China posted after the 1st July next should be superscribed as shown below :—

FOREIGN PARCEL POST.

To
THE POSTMASTER,
BOMBAY.

and not as at present prescribed in the Postal Guide.

3. The general rules and the rates relating to parcels intended for China will remain unaltered for the present.

L. G. WAIT,
Asst. Dir. Genl. of the Post Office of India, Foreign Post Branch.

Calcutta, the 26th May 1882.

SEA AND FOREIGN MAILS.

For	Box closes at	Date.	Per Steamer
		1882.	
Persian Gulf	7 P. M.	2nd June	From Bombay.
Madras, Ceylon and the Intermediate Ports	7 ,,	1st ,,	Str. *Benzada.*
Madras and Ceylon	7 ,,	1st ,,	P. & O. Str. *Surat.*
Galle, Penang, Singapore, Hong-Kong, and Shanghai; also *viâ* Hong-Kong for Yokohama; also for Australian Colonies	7 ,,	30th May	From Bombay.
Foreign Mails *viâ* Bombay	7 ,,	3rd June	From Bombay.*
Do. Book Post and Pattern Packets	7 ,,	2nd ,,	From Bombay.
Rangoon, Moulmein, and Straits	7 ,,	31st May	Str. *Chinsura.*
Foreign Mails *viâ* Bombay	7 ,,	27th ,,	From Bombay.†
Chittagong, Akyab, Kyouk Phyoo, and Rangoon	7 ,,	1st June	Str. *Makratta.*

* Also for Cape Town and Natal *viâ* England; also *viâ* Aden for Mahé (Seychelles), Mauritius and Réunion can be forwarded by this opportunity.

† Also for Cape Town and Natal *viâ* England; also *viâ* Aden for Mauritius, Mahé (Seychelles), Mayotte, Nossi Be and Réunion can be forwarded by this opportunity.

N.B.—The letter-box will close at 7 P. M. precisely; after which hour foreign letters, fully prepaid and bearing an extra postage stamp of four (4) annas on each cover, will be received up to 7-30 P. M.

It is hereby notified for general information that the following mail despatches to Ceylon will be made up from Calcutta General Post Office during June 1882 :—

DATE OF CLOSING.	ROUTE.
1st June 1882	By P. & O. Steamer from Calcutta.
13th June 1882*	By Star Line private vessel.
13th June 1882	By P. & O. Steamer from Bombay.
14th June 1882*	By Ducal Line private vessel.
15th June 1882	By P. & O. Steamer from Calcutta.
21st June 1882	By French Steamer.
21st June 1882*	By Ducal Line private vessel.
23rd June 1882*	By B. I. S. N. Co.'s private vessel.
27th June 1882*	By Star Line private vessel.
27th June 1882	By P. & O. Steamer from Bombay.
29th June 1882	By P. & O. Steamer from Calcutta.

* These dates are subject to alteration in the event of departure of the vessel being delayed.

N.B.—The letter-box will close at 7 P.M. precisely, after which hour letters fully prepaid and bearing an extra postage stamp of four (4) annas on each cover will be received up to 7-30 P.M.

The rate of postage on letters conveyed by private vessels is two (2) annas per ½ oz. (prepayment compulsory).

The postage on letters conveyed by the P. & O. and French steamers is three (3) annas per ½ oz. (prepayment optional).

List of Unclaimed Letters lying in the Calcutta Post Office on the 21st May 1882.

Allen, Samuel.	Gasper, Mrs. C.	Poulson, E.
Arbuthnot, E. T.	Gilli, J. B.	Richards, A.
Bastien, W. E.	Gordon, C. F.	Rose, Mrs.
Baver, H. C.	Hawkes, G. W.	Spence, W.
Clift, H. W.	Howard, R.	Thompson, W.
Crawford, J. A.	Jones, A. J.	Warwick, J. B.
David, L.	Kyamoo, Mr.	White, W. M.
Davis, John.	Lloyd, J.	Wood, O.
Evans, T.	Morris, G.	

Letters marked "Care of Post Office, to be kept till called for."

Antonio, D.	Hearne, T.	Palmer, Mrs. E.
Bad, Mrs.	Hills, A. A.	Penning, P. D.
Beamki, Sijnore G. P.	Howard, W.	Pollock, W. N.
Bercavetz, Abraham.	Jacky, Monsieur R.	Radcliffe, Vernon B.
Bockman, C.	Jones, H. R.	Raymond, Miss.
Braham, Mrs. A.	Jones, Thos.	Rex, Miss.
C. B. A.	Jox, Henry.	Rhodes, D.
C. B. & Co.	Kanai Lall Seal.	Robinson, William.
Cahill, James.	Kegel, F. G. M.	S. B. & Co.
Cenings, W. H.	Kendall, Miss Sophia.	Schaun, R.
Cohen, E.	Kennedy, R. H.	Sevastopulo, N. E.
Cooper, Frank.	Kennet, C. A.	Sims, Fred.
Cumine, Miss.	Lambert, Dr. E.	Smith, H. Gordon.
Davies, R.	Lynam, J.	Smith, Miss A. S.
Dexter, J. B.	Macnab, Henry.	Span, J. M.
Driscoll, D. O.	Maitland, T.	Stobie, Lt. J. C.
Dun, E. W.	Malabari, B. M.	Strachan, E.
Edwards, G.	Manager, Central Bengal Medical Hall.	Strongs, W. S.
Fergusson, Major.	Mason, —.	Stromayer, T.
Fitch, R. A.	Massy, J.	Stuart, William.
Gardiner, Captain J. T.	McVey, Hugh.	Thornhill, H. B.
Gheenburge, M. M.	Mercer, C. G.	Thomas, W. H.
G. L.	Morrison, D. J.	Vincent, J.
Gunther, J.	Munro, W.	Warnier, M.
Haukivez, C.	Nazir, C. S.	Watts, G.
Hansen, W. T.	Norton, J. B.	W. J. H.
Hart, M. D.	Orinstein, Signiori Scapria.	Wright, Mrs H.
Harry, Thomas.		X. Y. Z.
Hartley, S. R.		

Registered Letters.

Cumberland, A. H.	Howard, E.	Rickie, Alex. S.
deSouza, Wm. Edwards.	Patton, J. R. T.	Wilson, B.
"E. D."		

E. HUTTON.
Presidency Post Master.

NOTICE.

Waste Lands available for Planters in the Tavoy District.

Waste lands, covered at present with forest, bamboos or grass, are available for plantations of coffee, tea, cinchona, or spices at altitudes varying from 100 feet to 6,800 feet above the sea in the Tavoy district. This region is between the 13th and 14th parallels of north latitude, and the rainfall ranges from 190 to 220 inches a year. The lands are mostly within 30 to 50 miles of the steamer station of Thayetchoung on the Tavoy river. Mail steamers ply between Thayetchoung and Moulmein or Rangoon once a week inwards and outwards.

II.—Grants of land in lots ranging from 100 to 1,200 acres can be had for planting tea, coffee, cinchona, or spices on application to the Deputy Commissioner of Tavoy. Such grants will be made in accordance with the "Burma Land and Revenue Act, 1876," and with the rules sanctioned thereunder by the Governor General of

India in Council. Copies of the Act and rules can be obtained by intending planters on application to the Deputy Commissioner of Tavoy, the Commissioner of Tenasserim at Moulmein, or the Secretariat, Rangoon.

III.—In addition to the concessions and conditions laid down in the Act and rules, the following special concessions will be made to persons taking up land for plantations of coffee, tea, cinchona, or spices in Tavoy, namely,—

(1) A grantee must bring under cultivation one-third of his grant within 12 years from the date of his obtaining the grant. If, after the expiration of 12 years, any surplus uncultivated land, in excess of two acres of waste for each acre of cultivated land, shall remain on the grant, such surplus waste shall then revert to Government; and the grantee shall have no further claim or right in the surplus which has so reverted.

(2) A grantee will not be liable to pay any land revenue or any price for the land of his grant until the end of the tenth year after he enters on possession, provided that he takes *bonâ fide* steps to cultivate a reasonable proportion of the grant with coffee, tea, cinchona, or spices. In the event of any grantee desiring a more precise definition of a "reasonable proportion," the Chief Commissioner may decide beforehand in each case what proportion of the grant ought to be thus cultivated in each year.

(3) After the end of the tenth year the grantee will be liable to pay land revenue at the rate of Rs. 1-4-0 per acre and cesses at the rate of two annas per acre on one-third of his grant up to the year 1900 A. D.; after the expiration of such year he will be liable to pay for one-third of his grant the same revenue rate as is paid for garden lands in the nearest revenue circle where a garden rate obtains.

(4) A grantee will not be called upon to pay anything for timber, bamboos, or grass which he may cut upon his grant, provided he takes *bonâ fide* steps as aforesaid to cultivate coffee, tea, cinchona, or spices.

IV.—The only payment which a grantee will have to make on receiving his grant will be eight annas an acre for the cost of survey and demarcation. In consideration of such payment the Deputy Commissioner will cause a survey to be made of the grant, will furnish the grantee with a copy of such survey, and will cause boundary marks to be erected at suitable points in the outer boundary of the grant.

V.—The wishes of applicants will be met as far as possible in regard to the situation and shape of their grants. But ordinarily—

(*a*) no grant will be given where the Forest Department intend to make a forest reserve;

(*b*) no grant will be given on such a place as will unduly circumscribe the extension of cultivation of the grazing grounds of any neighbouring village or hamlet;

(*c*) grants facing a road or navigable stream will have to be of a depth double the length facing such road or navigable stream;

(*d*) small strips will be reserved leading to landing places for the benefit of neighbouring villages and grantees.

VI.—The Government is now spending much larger sums than heretofore on roads in the Tavoy district. If planters settle in the district, further funds will be allotted for roads from their neighbourhood to the steamer station at either Tavoy or Thayetchoung.

VII.—In order to encourage pioneers in the coffee and cinchona enterprise in Tavoy, the Government will pay to the first four grantees who begin *bonâ fide* planting operations Rs. 15 per head for every Indian or Chinese coolie, male or female, over 16 years of age, who may be settled and housed on their plantations before the 1st March 1885.

VIII.—In any case of doubt regarding the *bonâ fide* character of operations for the purposes of concessions III and VII, the Deputy Commissioner will decide, and his decision will be subject to appeal to the Commissioner of Tenasserim, whose decision will be final.

IX.—All minerals and metals under and within the lands granted under these rules are reserved by Government, together with a right to enter upon and resume such portion of land as may be necessary for examining or working mines upon payment of just compensation to the grantee for loss of, or injury done to, the surface.

G. D. BURGESS,
Secy. to the Chief Commr., British Burma.

The 6th April 1882.

NOTICE.

Information is hereby given that the Government Currency Note No. P11—03439, for Rs. 500, is lying unclaimed at this Office. Any person claiming to be the owner of the said Note is requested to produce evidence in support of the claim on or before the 30th of September 1882.

J. SCOBELL ARMSTRONG,
Officiating Magistrate, Howrah.

GOVERNMENT CINCHONA FEBRIFUGE.

This preparation is an efficient substitute for Quinine and can be purchased by Government officers for public and charitable purposes, and by any one taking *twenty pounds* at a time, from the Superintendent, Botanical Garden, Calcutta, *for cash only*, at the following rates:—per four ounce tin, *Rs. 4-8*; per eight ounce tin, *Rs. 8-8*; per pound tin, *Rs. 16-8*. The general public can be supplied by the Superintendent, Botanical Garden, *for cash only*, at the under-noted rates:—per four ounce tin *Rs. 5-8*; per eight ounce tin *Rs. 10-8*; per pound tin, *Rs. 20*. This medicine is also sold by the principal European and Native druggists in Calcutta. Postage 8 annas per four and eight ounce tins, and 12 annas per pound tin, in addition to the foregoing rates.

گورنمنٹ سنکونا فبري فيوج

يهه دوا كوئينائين كا خوب قائم مقام هى اور كلكته كے بوٹانكل گارڈن يعنے كمپني باغ كے سپرنٹنڈنٹ صاحب سے هرايك ملازم سركاري واسطے سركاري كام اور خيرات كے اور سيواے اوڈنے جو كوئي ايك مشت بيس پونڈ خريد ليے سے بقيمت نقد حسب نرخ ذيل خريد كرسكتے هين يعنے نرخ چار اونس كے ٹين كا چار روپيه آٹهه آنه ; آٹهه اونس كے ٹين كا آٹهه روپيه چهه آنه ; ايك پونڈ كے ٹين كا سوله روپيه آٹهه آنه

اور عوام الناس بوٹانکل گارڈن یعنے کمپنی باغ کے سپرنٹنڈنٹ صاحب سے بقیمت نقد حسب نرخ ذیل خرید کرسکتے ہیں یعنے نرخ چار اونس ٹین کا پانچ روپیہ آٹھہ آنہ ; آٹھہ اونس کے ٹین کا دس روپیہ آٹھہ آنہ ; ایک پونڈ کے ٹین کا بیس روپیہ

یہہ دوا کلکتہ کے بڑے بڑے ولایتی اور دیسی دواخانوںمیں بکتی ہی عاسیواے قیمت مذکورۂ بالا کے محصول ڈاک چار اور آٹھہ اونس کے ٹین کا آٹھہ آنہ ; اور ایک ونڈ کے ٹین کا بارہ آنہ

Meteorological Publications for Sale.

The following publications of the Meteorological Office of the Government of India are on sale and can be procured at the Meteorological Office, No. 4, Middleton Row, or either at Messrs. Thacker, Spink & Co., or at Messrs. Brown & Co., at the prices noted against them :—

	Rs.	A.	P.
Report on the Meteorology of India, in 1875, 4to., 89 pages text, 297 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India, in 1876, 4to., 97 pages text, 340 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India in 1877, 4to., 173 pages text, 375 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India, in 1878, 4to., 149 pages text, 380 pages tables, 3 plates, 4 charts ..	8	0	0
Indian Meteorological Memoirs, Vol. I, Part I, 4to., 118 pages, 9 plates	2	8	0
Indian Meteorological Memoirs, Vol. I, Part II, 4to., 63 pages, 4 plates	1	8	0
Indian Meteorological Memoirs, Vol. I, Part III, 4to., 86 pages, 2 plates	1	8	0
Indian Meteorological Memoirs, Vol. I, Part IV, 4to., 62 pages, 8 plates	1	8	0
Rainfall Chart of India, showing the average annual distribution of rainfall (in colors)	1	0	0
Report on the Vizagapatam and Backergunge Cyclones, October 1876, 4to., 87 pages, 4 plates ...	2	0	0
Report on the Madras Cyclone, May 1877, 4to., 117 pages text, 97 pages tables, 5 plates ...	2	8	0

HENRY F. BLANFORD,
Meteorological Reporter to Government of India.

THE INDIAN LAW REPORTS.

PUBLISHED UNDER AUTHORITY.

The "Indian Law Reports," published under the authority of the Governor General in Council, will appear in monthly parts, published as soon as possible after the first of each month at Calcutta, Madras, Bombay, and Allahabad, and will comprise four series,—one for the Calcutta High Court, a second for the Madras High Court, a third for the Bombay High Court, and a fourth for the Allahabad High Court. The cases heard by the Privy Council on appeal from each High Court will be reported in the Series for that High Court. Cases heard by the Privy Council on appeal from Provinces in India not subject to any High Court will be reported in the Calcutta Series. The Parts of each Series can be had separately, or all four Parts can be had stitched into one wrapper at the option of subscribers and purchasers. It will be observed from the following statement of the terms of subscription and sale, that a considerable reduction is allowed to persons taking the complete set :

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MESSRS. HIGGINBOTHAM AND CO., MADRAS ;
THE GOVERNMENT CENTRAL BOOK DEPOT, BOMBAY ;
THE GOVERNMENT BOOK DEPOT, ALLAHABAD.

Orders and Subscriptions for 1878 should be at once remitted.

THE BENGAL LAW REPORTS.

A few sets of the Bengal Law Reports (Volumes 1 to 15) are available at Messrs. Thacker, Spink & Co., Calcutta, at Rs. 375 a set.

Charts, &c., issued at the Marine Survey Department, Calcutta, by order of the Government of India, and sold at the Office of the Marine Survey Department, 4-4 Loudon's Buildings, Hastings Street, Calcutta, where Admiralty Charts can also be obtained.

☞ All Charts are corrected up to the date of issue.

Indian Ocean—

Indian Ocean—Curves of equal magnetic variation. *Annas 8.*
Indian Ocean, Suez to Penang, including Zanzibar and Madagascar (Engraved). Physical and track chart. *Re. 1.*
Arabian Sea, Western portion, with plans of Babel Mandeb Strait and Zanzibar Harbour. *Rs. 2.*
Arabian Sea, Eastern portion, with plans of Kurrachee, Bombay, Colombo, Galle and Madras. *Rs. 2.*

India, West Coast—

Kurrachee to Vingorla. *Re. 1-12.*
Vingorla to Cape Comorin. *Re. 1-12.*
Port of Sálaya or Seraia. *Re. 1.*
Cutch Mándvi. *Re. 1.*
Veráwal Roads. *Re. 1.*
Sketch of the Entrance to Rajpuri River. *Annas 8.*
Ratnagiri, including Mirya and Kalbadavie Bays. *Re. 1.*
Kundari Island to Chaul. *Re. 1.*
Chaul and Entrance to Kundalika River. *Re. 1.*
Rajapur Bay and Viziadurg with adjacent Coast. *Re. 1.*
Jaygad and Entrance to Shasitri River. *Re. 1.*
Dabhol and Entrance to Washishti River. *Re. 1.*
Bankot and Entrance to Savitri River. *Re. 1.*
Goa and Marmagao Roadsteads. *Annas 12.*
Sadashivgad Bay, including the port of Karwar and Beitkul Cove. *Re. 1.*

Narakel Anchorage. *Annas 8.*
Quilon Roads. *Annas 8.*
Lakadive Group—Cherbaniani Reef, Chitlac and Kiltan Islands. *Annas 12.*
Byramgore Reef or Chereapani, and Angria Bank. *Annas 8.*
Kolachel Roadstead, with plan of Enciam Rocks. *Re. 1-8.*

India, East Coast—Bay of Bengal, Ceylon, &c.—

Cape Comorin to Coconada, including the Island of Ceylon. *Re. 1-12.*
Tuticorin Roadstead and Harbour. *Re. 1.*
Approaches to Jafnapatam. *Re. 1.*
Paumben Pass. *Re. 1.*
Approaches to Paumben Pass. *Re. 1.*
Mullaittivu or Moeletivoe. *Annas 8.*
Batticaloa Roadstead. *Annas 8.*
Colombo Harbour and its Approaches. *Re. 1.*
Approaches to Point de Galle Harbour, Ceylon. *Re. 1.*
Bay of Bengal, Western Sheet. *Rs. 2.*
Bay of Bengal, Eastern Sheet. *Rs. 2.*
Coromandel Coast. Sheet No. 2, from Latitude 15° to 16° 30′ N. *Re. 1.*
Sheet No. 3, from Latitude 13° to 15° N. *Re. 1.*
Sheet No. 4. *Re. 1.*
Madras Roadstead. *Re. 1.*
Orissa Coast, Narsapoor Point to Palmyras Point, adapted to the latest determinations of the G. T. S. and observations by Commander A. D. Taylor, I.N. *Re. 1.*
Coconada to Bassein River. *Re. 1-12.*
Coringa or Coconada Bay, showing the Northern Godavery Mouths. *Re. 1-8.*
False Point Harbour and Approaches. *Re. 1.*
Hooghly River.—Luff Point to Anchoring Creek, showing the James and Mary Shoals and Entrance to the Roopnarain River. *Re. 1-8.*
False Point to Mutlah River, showing the Approaches to Sandheads. *Re. 1.*
Mutlah River to the Chittagong Coast. *Re. 1.*
Chittagong or Kornafuli River. *Re. 1.*

Coast of Burma, &c.—

Bassein River to Pulo Penang, including the Andaman and Nicobar Islands. *Re. 1-12.*
Coronge Island to White Point, including the Gulf of Martaban. *Re. 1.*
Preparis North Channel and Entrance to Bassein River. *Re. 1.*
Rangoon River Approaches. *Re. 1.*
Port of Rangoon in eight sheets. *Re. 5.*
Entrance to Salween (Maulmain) River. *Re. 1.*
Port of Maulmain. *Re. 1.*
Coast of Tenasserim—Tavoy River, from a sketch by Lieutenant R. Moresby, with Corrections and Additions. *Re. 1.*
Stewart's Sound. *Re. 1.*
Port Mouat, Andamans. *Re. 1.*

Siam—Malay Peninsula, West Coast—

Hayes Island to the Pilgrims. *Re. 1.*
Kopah Inlet. *Re. 1.*
Salang Island (Junkseylon). *Re 1.*
Junkseylon, East Coast.—Puket or Tonkah Harbour. *Re. 1.*

Gulf of Siam—

Siam Gulf, West Coast, Hilly Cape to Lacon Bight. *Re. 1.*
Siam Gulf, West Coast, Lacon Bight to Lem Chang P'ra. *Re. 1.*
Patani Bay. *Annas 8.*
Singora Roadstead and Inner Harbour. *Re. 1.*
Lacon Roads. *Re. 1.*
Samuie Strait. *Re. 1.*
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CALCUTTA, SATURDAY, MAY 27, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART III.

Advertisements and Notices by Private Individuals and Corporations.

NOTIFICATION.

With the consent of the Government of India, the Government of His Highness the Maharaja of Mysore is prepared to receive tenders for a Debenture Loan of (Rs. 20,00,000) twenty lakhs of Rupees on the security of the general revenues of the Mysore Province. The amount of the Loan is to be expended entirely on the construction of an important line of railway from Bangalore to Tiptoor, a distance of about 85 miles.

2. Debentures will be issued for the said amount bearing interest at the rate of five per cent. per annum, payable half-yearly on the 15th February and 15th August of each year and having a currency of twenty years. The interest will be payable at any of the Government Treasuries of the Mysore Province or at the Banks of Bengal, Madras or Bombay and their branches.

3. The form of Debenture Bonds will be that given below. Each Debenture will be issued for the sum of Rs. (500) five hundred, or some multiple of Rs. 500.

4. Tenders for the whole or any part of the above-named sum of Rs. (20,00,000) twenty lakhs will be received by the Comptroller to the Mysore Government at Bangalore up to noon on the 1st July 1882.

5. Each tender should be in the form hereto annexed, and enclosed in a sealed cover superscribed "Tender for the Mysore Railway Loan of 1882," and sent to the Comptroller to the Government of Mysore at Bangalore.

6. The tenders will be opened at the Dewan's Office at Bangalore in the presence of the Dewan and other members of the Mysore Government on the 1st July 1882 at noon, a minimum rate having first been fixed by the Dewan.

7. Each tender must be accompanied by the deposit of a sum equal to 2 per cent. of the amount tendered. Such deposit may be made by paying the amount to the credit of the Dewan of Mysore at the Banks of Bengal, Madras and Bombay, or at any of their branches, or at any of the Treasuries of the Mysore Government, and forwarding with the tender the receipt of such Bank or Treasury or by a Money Order payable to the Dewan of Mysore, or by Government of India Promissory Notes duly endorsed in favor of the Dewan of Mysore.

8. If the tender be accepted either in whole or in part, the deposit made will be taken in part payment, and the tenderer must arrange for the payment of the remainder of the amount of the loan allotted to him on or before the 15th August 1882 into any of the Treasuries of the Mysore Government, or into the Banks of Bengal, Madras or Bombay or any of their branches to the credit of the Dewan of Mysore, failing which the deposit made will be forfeited.

9. Debentures will be issued as soon as possible after receipt of the amount of allotment.

10. The deposit on tenders which may not be accepted will be returned on application.

11. In the case of two or more tenders at the same rate (not being below the minimum), a *pro rata* allotment will, if necessary, be made.

12. The rate stated in a tender must not contain any fraction of an anna; if a rate containing a fraction of an anna is inserted in any tender, such fraction will be struck out, and the tender treated as if the rate did not contain such fraction of an anna.

13. In order to avoid mistakes, a separate tender must be made at each rate tendered, and a separate deposit must accompany each tender.

14. The annual revenues of the Mysore Province amount at present to Rs. 1,06,00,000 (one hundred and six lakhs of Rupees), and are expected to yield an annual surplus of five lakhs after defraying all charges and providing for repayments on account of the Famine Loan due to the Government of India.

15. Arrangements will be made for securing negotiability to the Debentures in British India free of Stamp Duty.

C. RANGACHARLU,
Dewan.

OFFICE OF THE DEWAN OF MYSORE,
BANGALORE,
The 1st May 1882.

Form of Tender.

I hereby tender for Rupees of the Loan advertized in the Notification of the Dewan of Mysore, dated 1st May 1882, and agree to pay the same subject to the conditions notified, at the rate of Rupees for every Rs. 100 allotted to me.

I enclose on account of the required deposit of 2 per cent. on the amount tendered (*here enter particulars of deposit*), and engage, if my offer is accepted, to pay the remainder of the amount of the Loan allotted to me on or before the 15th August 1882, in the manner prescribed in the Notification. Any allotment made to me may be communicated to the following address.

Signature.

Full address.

Form of Debenture.

MYSORE RAILWAY FIVE PER CENT. LOAN, 1882.

Bangalore, *1882.*

No.

The Government of His Highness the Maharaja of Mysore, in consideration of the sum of Rupees received from promise to pay to the said or order the sum of Rupees twenty years after the date hereof, together with interest at the rate of five per centum per annum, payable half-yearly on 15th February and 15th August.

BENGAL CIVIL FUND.

NOTICE.

The Half-yearly General Meeting of Subscribers will be held at the Town Hall on Friday, the 28th July next, at 5 P.M.

The Managers will propose the following addition to, and amendment of, the Rules :—

After Article XXIII insert a new Article.

ARTICLE XXIII(*A*).

Should the wife of a subscriber obtain a divorce from her husband, the Managers have the power, on receipt by them of a copy (which must be furnished within six months) of the order of the Court making the divorce absolute, to declare that they will, for the purposes of these Rules, consider her to be still his wife.

In no case in which the Managers may exercise the above power, shall any other person subsequently married to such subscriber be entitled to receive any benefit from the Fund, so long as his former wife remains alive and unmarried.

After Article XXIV add—

The word widow in this Article shall, after the death of her former husband, include a lady on whose behalf the Managers have exercised the power conferred by Article XXIII(*A*).

Mr. A. O. Hume, C.B., will propose the following modification of Article XXXVII of the Rules :—

"Provided, however, that if any subscriber shall duly pay his subscription within one month of the date on which he actually draws the pay or pension on which it is due, he shall not be liable to any penalty on account of having been unable for the period of twelve months or more to draw the pay or pension due to him."

By Order of the Managers,

CHARLES S. BAYLEY,

Secretary.

BENGAL CIVIL FUND OFFICE,

The 16th May 1882.

PROMISSORY NOTES.

Lost or Stolen

The Government Promissory Note, No. 065878, of the 4½ per cent. of 1872, reduced to 4 per cent. Loan of 1879, for Rs. 500, originally standing in the name of the Bank of Bengal, and last endorsed to Helen Teresa Schumacher, the proprietress, by whom it was never endorsed to any other person. Payment of the above Note and the interest thereupon have been stopped at the Public Debt Office, Bank of Bengal, and application is about to be made for the issue of duplicate in favour of the proprietress.

H. T. SCHUMACHER,

18, Lindsay Street, Calcutta.

The Gazette of India.

PUBLISHED BY AUTHORITY.

SIMLA, SATURDAY, MAY 27, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART IV.

Acts of the Governor General's Council assented to by the Governor General.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

[Second publication.]

The following Act of the Governor General of India in Council received the assent of His Excellency the Governor General on the 19th May, 1882, and is hereby promulgated for general information :—

ACT No. XVI OF 1882.

THE JHÁNSÍ ENCUMBERED ESTATES ACT, 1882.

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An Act to provide for the relief of Encumbered Estates in the Jhánsí Division of the North-Western Provinces.

Preamble.

WHEREAS many zamíndárs in the Jhánsí Division of the North-Western Provinces are in debt, and their immoveable property is subject to encumbrances, and it is expedient to provide for their relief in manner hereinafter appearing; It is hereby enacted as follows:—

CHAPTER I.

PRELIMINARY.

Short title:

Commencement.

1. This Act may be called the Jhánsí Encumbered Estates Act, 1882:

and it shall come into force on the passing thereof.

Interpretation-clause.

2. In this Act—

"land":

"land" means land assessed to revenue:

"zamíndár":

"zamíndár" means a proprietor of land or of any share in land, and includes an ubáridár:

"sír-land":

"sír-land" means—

(a) land recorded as sír at the last settlement or revision of settlement of the district in which it is situate, and continuously so recorded since;

(b) land continuously cultivated for twelve years by the proprietor himself with his own stock or by his servants, or by hired labour;

(c) land recognized by village-custom as the special holding of a co-sharer, or treated as such in the distribution of profits or charges among the co-sharers:

"public debt":

"public debt" means a debt due or liability incurred to Government: and

"private debt."

"private debt" means any debt or liability other than a public debt.

CHAPTER II.

APPOINTMENT OF OFFICERS.

Power to appoint a special Judge.

3. The Local Government may, from time to time, by notification in the official Gazette, appoint, for any local area in the Jhánsí Division, a special Judge, who shall exercise the powers conferred, and perform the duties imposed, on him by this Act.

Power to suspend or remove special Judge.

The Local Government may, at any time, by a like notification, suspend or remove any special Judge so appointed.

CHAPTER III.

OF THE APPLICATION AND PRELIMINARY INQUIRY.

Application for benefit of Act.

4. (1) At any time within twelve months after a special Judge is appointed for any local area, any zamíndár owning land in that area may apply, in writing, to the Commissioner of the Jhánsí Division, stating that the zamíndár is subject to, or that his immoveable property or any part thereof is encumbered with, private debts, and requesting that the provisions of this Act be applied to him.

(2) The like application may be made with respect to any such zamíndár by an officer appointed for the purpose by the Local Government:

(3) Provided that, where the zamíndár is a disqualified proprietor within the meaning of section 194 of the North-Western Provinces Land-revenue Act, 1873, the application shall be made—

(a) if his property is under the superintendence of the Court of Wards—by the manager of his property, with the consent of that Court; and

(b) if his property is not under such superintendence—by the Deputy Commissioner of the district in which the property is situate.

Power to extend time for making applications.

(4) The Local Government may, from time to time, by notification in the official Gazette, extend the time prescribed for making applications under this section.

Order to inquire.

5. When any such application is made in the case of any zamíndár, the Commissioner shall direct an inquiry to be made by the special Judge—

(a) into the nature and amount of the zamíndár's private debts, and

(b) into the sufficiency of his property, whether moveable or immoveable (exclusive of his proprietary rights in land and of the property mentioned in the first proviso to section 266 of the Code of Civil Procedure), to discharge his private debts.

Written statement to be submitted.

6. (1) When an inquiry has been directed under section five, the applicant shall, within a period to be fixed by the Commissioner, submit to the special Judge a written statement containing, so far as may be practicable,—

(a) such particulars as the special Judge may require respecting the private debts to which the zamíndár is subject, or with which his immoveable property or any part thereof is encumbered;

(b) the nature and value of the zamíndár's property (exclusive of his proprietary rights in land

and of the property mentioned in the first proviso to section 266 of the Code of Civil Procedure); and

(c) the names and residences of his creditors, so far as they are known to, or can be ascertained by, the zamíndár.

Verification of statement.

(2) The statement must be verified by the applicant or by some other competent person, in the manner required by law for the verification of plaints; and if it contains any averment which the person making the verification knows or believes to be false, or does not know or believe to be true, he shall be deemed to have intentionally given false evidence within the meaning of the Indian Penal Code:

Proviso.

(3) Provided that, when the application is made by an officer appointed under section four, clause (2), or by the Deputy Commissioner, it shall not be necessary to verify the statement; but the zamíndár shall, so far as may be practicable, within a period to be fixed by the special Judge, furnish such information regarding the matters mentioned in clauses (a), (b) and (c) of this section, as the Judge may require.

CHAPTER IV.

PROOF OF DEBTS AND PROCEDURE OF SPECIAL JUDGE.

Publication of notice to claimants against zamíndár.

7. (1) When the statement or information referred to in section six has been submitted or furnished, the special Judge shall publish in the official Gazette a notice in the vernacular language of the district, calling upon all persons having claims against the person or the property of the zamíndár by or with respect to whom the application was made under section four, to present to the special Judge, within two months from the date of the publication, a written statement of their claims.

Copies of notice to be exhibited.

(2) The special Judge shall also cause copies of the notice to be exhibited at his own office, at the offices of the Commissioner of the Jhánsí Division and the Deputy Commissioner of the district in which the land of the zamíndár is situate, and at some conspicuous place in the village where the zamíndár resides.

Provision for admission of claims within further period of two months.

(3) The statement must be presented within the period specified in the notice, unless the claimant satisfies the special Judge that he had sufficient cause for not presenting the statement within that period, in which case the special Judge may receive the statement within a further period of two months from the expiration of the period so specified.

Consequences of notice.

8. After the publication of the notice, the following consequences shall ensue (namely):—

(a) all proceedings pending at the date of the publication, in any civil or revenue Court in British India in respect of any private debt to which the zamíndár is subject, or with which his immoveable property is encumbered, shall be for ever stayed; and all processes, executions and attachments issued by any such Court, and then in force, in respect of any such debt shall become null and void;

(b) in respect of any such debt no fresh proceeding, process, execution or attachment shall, except as hereinafter provided, be instituted in, or issued by, any civil or revenue Court in British India;

(c) until the Commissioner has declared, as hereinafter provided, that the zamíndár has ceased to be subject to the disabilities mentioned in this clause—

(1) the zamíndár shall be incompetent to sell, mortgage, exchange, give, or, without the consent of the Commissioner, lease his proprietary rights in land or any part thereof; and

(2) no proceeding, process, execution or attachment shall be instituted in, or issued by, any civil or revenue Court in British India against those rights, in respect of any private debt contracted by the zamíndár after the publication of the notice.

Claim to contain full particulars.

9. (1) Every claimant referred to in section seven shall, in the written statement of his claim, present full particulars thereof.

Documents to be given up.

(2) Every document on which the claimant founds his claim, or on which he relies in support thereof, shall be delivered to the special Judge along with the written statement.

Entries in books.

(3) If the document is an entry in any book, the claimant shall produce the book to the special Judge together with a copy of the entry on which he relies. The special Judge shall mark the book for the purpose of identification, and, after examining and comparing the copy with the original, shall return the book to the claimant.

Exclusion of documents not produced.

(4) If any document in the possession or under the control of the claimant is not delivered or produced by him, as required by this section, the special Judge may refuse to receive that document in evidence on the claimant's behalf at the investigation of the case.

Claim not duly notified to be deemed discharged.

10. Every claim against the zamíndár in respect of a private debt shall, unless made within the time and in the manner required by this Act, be deemed, for all purposes, and on all occasions, to have been duly discharged.

Order appointing time for inquiry.

11. The special Judge shall, by an order in writing, appoint a time for inquiring into each claim made as aforesaid, and a copy of that order shall be served on the claimant and on the zamíndár, or, when the application has been made on behalf of a disqualified proprietor, on the manager of his property, or the Deputy Commissioner, as the case may be.

History of transactions with zamíndár to be investigated.

At the time so appointed, or at any subsequent time to which the proceedings may be adjourned, the special Judge shall hear such of the parties as appear, and, if the amount of any claim (other than a claim decreed by a competent Court) is disputed, shall inquire into the history and merits of that claim from the commencement of the

transactions between the parties, and shall, as hereinafter provided, determine the amount (if any) justly due to the claimant.

Explanation.—Subject to the right of appeal and power of revision hereinafter conferred, the effect of this determination is to extinguish the previously existing right (if any) of the claimant, together with all rights (if any) of mortgage or lien by which the same is secured, and, where any amount is determined to be due to him, to substitute for those rights a right to recover that amount in the manner and to the extent hereinafter prescribed, and not otherwise.

Mode of taking account.

12. When the special Judge inquires, under section eleven, into the history and merits of a claim, he shall—

notwithstanding any agreement between the zamíndár and the claimant, or the persons (if any) through whom they claim, as to allowing compound interest, or as to setting off the profits of mortgaged property in lieu of interest without an account, or otherwise determining the manner of taking the account, and

notwithstanding any statement or settlement of account, or any contract purporting to close previous dealings and create a new obligation,

open the account from the commencement of the transactions between the parties, and take that account according to the following rules (that is to say) :—

(*a*) separate accounts of principal and interest shall be taken;

(*b*) in the account of principal, there shall be debited to the zamíndár such money as may, from time to time, have been actually received by him, or on his account, from the claimant, and the price of goods (if any) sold to him by the claimant as part of the transactions between them;

(*c*) in the account of principal, there shall not be debited to the zamíndár any money which he may have agreed to pay in contravention of section 257A of the Code of Civil Procedure;

(*d*) in the account of principal, there shall not be debited to the zamíndár any accumulated interest which has been converted into principal at any statement or settlement of account, or by any contract made in the course of the transactions, unless the special Judge, for reasons to be recorded by him in writing, deems such debit to be reasonable;

(*e*) in the account of interest, there shall be debited to the zamíndár, monthly, simple interest on the balance of principal for the time being outstanding, at the rate allowed by the special Judge as hereinafter provided;

(*f*) all money paid by, or on account of, the zamíndár to the claimant, or on his account, and all profits, service or other advantages of every description received by the claimant in the course of the transactions, shall be credited first in the account of interest, and, when any payment is more than sufficient to discharge the balance of interest due at the time it is made, the residue of that payment shall be credited to the zamíndár in the account of principal:

Explanation.—The advantages mentioned in this clause shall be estimated, if necessary, at such money-value as the special Judge may determine in his discretion, or with the aid of arbitrators appointed by him;

(*g*) the accounts of principal and interest shall be made up to the date of making the claim; and the aggregate of the balances (if any) appearing due on both the accounts against the zamíndár at that date shall be deemed to be the amount due at that date, except when the balance appearing due on the account of interest exceeds that appearing due on the account of principal, in which case double the latter balance shall be deemed to be the amount then due.

Interest to be allowed.

13. The interest to be awarded in taking an account, according to the rules set forth in section twelve, shall be—

(*a*) the rate (if any) agreed upon between the zamíndár and the claimant, or the persons (if any) through whom they respectively claim, unless that rate is deemed by the special Judge to be unreasonable; or

(*b*) if that rate is deemed by the special Judge unreasonable, or if no rate was agreed upon, or, when any agreement to set off profits in lieu of interest without an account, entered into between the zamíndár and the claimant, or the persons (if any) through whom they respectively claim, has been set aside by the special Judge, such rate as the special Judge deems reasonable.

Proceedings when amount determined to be due is paid into court.

14. If, on the termination of the inquiries by the special Judge, the zamíndár forthwith pays into court the aggregate amount of the claims determined to be due, together with the aggregate of such costs (if any) as the special Judge may in each case award against the zamíndár, the special Judge shall submit a report of his proceedings to the Commissioner, and shall, on the application of each claimant, pay to him such portions (if any) of the said aggregate amounts as may be due to him.

Power to rank debts and fix future interest.

15. If the zamíndár does not pay the said amounts under section fourteen, and these amounts cannot, in the opinion of the special Judge, be paid from the proceeds of the sale of the zamíndár's property (exclusive of his proprietary rights in land and of the property mentioned in the first proviso to section 266 of the Code of Civil Procedure), the special Judge shall make an order ranking the claims and costs according to the order in which they shall be paid or discharged, and fixing the interest (if any) to be paid on the amounts thereof respectively from the date of the final decision thereon to the date of the payment or discharge thereof.

Power to eject mortgagee, &c.

16. When any person whose claim has been determined by the special Judge, or whose claim is, under section ten, to be deemed to be discharged, has, as mortgagee or otherwise, obtained possession of any land of the zamíndár as security for his claim and continues in possession of that land, the special Judge may order him to be ejected therefrom.

Any order passed under this section shall be executed as nearly as may be in accordance with the rules prescribed by the Code of Civil Procedure for the execution of decrees.

Report to be submitted by special Judge in certain cases.

17. When the proceedings hereinbefore prescribed have been concluded otherwise than under section fourteen, the special Judge

shall submit a report to the Commissioner, showing the nature and amount of the claims and costs as determined and awarded by him, the nature and amount of all the zamíndár's property (exclusive of his proprietary rights in land and of the property mentioned in the first proviso to section 266 of the Code of Civil Procedure) which may be available for the payment or discharge of the same, and, when an order has been made under section fifteen, the particulars of such order.

CHAPTER V.

PROCEDURE OF COMMISSIONER AND MODE OF LIQUIDATION.

On report of special Judge, Commissioner to sell property reported by special Judge, and, if necessary, to direct valuation of proprietary rights.

18. On receiving a report under section seventeen, the Commissioner shall direct that the property reported by the special Judge as available for the payment or discharge of the claims and costs determined and awarded by him, or any specified portion of that property, be sold by public auction, and, from the proceeds thereof, shall pay or discharge, so far as practicable, the amount of the said claims and costs.

If those proceeds are not sufficient to pay or discharge in full that amount, the Commissioner shall direct the value of the zamíndár's proprietary rights in land to be ascertained in the manner following:—

For the purposes of a loan, the value of those rights shall be estimated to be a sum amounting to six times the nett annual profits of the zamíndár.

For the purposes of purchase by Government, the value of those rights shall be estimated to be a sum amounting to ten times those nett annual profits.

"Nett annual profits."

Explanation.—The expression "nett annual profits" means the balance left, after deducting the amount of the annual Government revenue and the rates payable annually by the zamíndár under the North-Western Provinces Local Rates Act, 1878, or any other Act for the time being in force, from the aggregate amount of—

(*a*) the rents which he is entitled to receive annually from his tenants;

(*b*) the rent which he would have to pay annually for his sír-land (if any), if he were an ex-proprietary tenant thereof;

(*c*) all other profits annually receivable by him as zamíndár; and

(*d*) in the case of profits occasionally receivable or varying in amount from year to year, the average annual amount of such profits during the ten years next preceding the valuation.

Proceedings in liquidation.

19. When the value of the zamíndár's proprietary rights has been ascertained as directed in section eighteen, the Commissioner shall proceed as follows:—

(*a*) If the sum at which the rights have been valued for the purposes of a loan is sufficient to pay or discharge the unpaid balance of the claims and costs determined and awarded by the special Judge, together with the zamíndár's public debts, the Commissioner may, with the consent of the zamíndár, direct such sum as may be necessary, not being more than the amount of such valuation, to be advanced from the public treasury as a loan to the zamíndár, repayable, with interest thereon at the rate of five per cent. per annum, by instalments, within a term not exceeding ten years, and shall, from the sum so advanced, pay or discharge in full the said balance and the said public debts.

(*b*) If the zamíndár does not consent to accept such loan, or if the sum at which his proprietary rights in land have been valued for the purposes of a loan is not sufficient to discharge the said balance and the said public debts, the Commissioner may order that any portion, or, if necessary, the whole, of those rights shall be sold in the manner hereinafter prescribed in order to discharge such balance and debts.

Attachment of proprietary rights.

20. When an order for the sale of the proprietary rights of any zamíndár has been made under section nineteen, the Commissioner may order those rights to be attached and taken under the management of the Deputy Commissioner, who shall have, for this purpose, the same powers as are conferred, for the management of a mahál, on a Collector by the North-Western Provinces Land-revenue Act, 1873, section 155.

The management shall continue until the rights are sold under this Act.

Mode of selling proprietary rights.

21. (1) All sales under this Act of proprietary rights in land shall be made by public auction in the manner prescribed by the said North-Western Provinces Land-revenue Act, 1873, for the sale of immoveable property for arrears of land-revenue.

(2) If, at the public auction of any zamíndár's proprietary rights in land, any bid is made for those rights above the sum at which they have been valued for the purposes of purchase by Government, the rights shall be sold to the highest bidder; and the proceeds of the sale shall be paid to the Deputy Commissioner or such officer as the Commissioner may direct.

(3) If no such bid is made, the Commissioner shall direct a sum of money equal to the amount of that valuation to be paid from the public treasury to the Deputy Commissioner or such officer.

Duty of Deputy Commissioner.

22. The Deputy Commissioner or such officer, as the case may be, shall thereupon, subject to the control of the Commissioner,—

first, pay, from the money which he has received under section twenty-one, the zamíndár's public debts;

secondly, out of the balance of that money, pay or discharge, so far as may be practicable, the unpaid balances of the claims and costs determined and awarded by the special Judge, in the order in which they are ranked under section fifteen by that Judge;

thirdly, pay the surplus (if any) to the zamíndár.

When the whole of a zamíndár's proprietary rights in land have been sold in execution of an order passed under section nineteen, clause (*b*), and the proceeds of the sale are insufficient to discharge in full the amounts referred to in this section, the unpaid balance of those amounts shall nevertheless be deemed to have been duly discharged.

Consequences of loan.

23. When a sum of money has been lent, under section nineteen, clause (*a*), to a zamíndár, and applied as provided in that clause, and he fails to pay any instalment of principal or interest on the day fixed for the payment thereof, the whole sum remaining unpaid on account of principal or interest, or both, shall be recoverable at once as if it were an arrear of land-revenue due by him in respect of the land comprised in the valuation made under section eighteen.

Conditions of purchase by Government.

24. When a sum of money has been paid from the public treasury in respect of any proprietary rights of a zamíndár as provided in section twenty-one, and has been applied as provided in section twenty-two, the following consequences shall ensue (namely) :—

(*a*) all such proprietary rights shall vest in Her Majesty ;

(*b*) in respect of any of his sír-land, the proprietary rights in which are, under this section, vested in Her Majesty, the zamíndár shall be deemed to be an ex-proprietary tenant holding the land directly under the Government.

Power to declare that zamíndár has ceased to be subject to disabilities.

25. In each of the following cases (namely),—

(*a*) when a report has been submitted to the Commissioner under section fourteen, or

(*b*) when the claims and costs determined and awarded by the special Judge have been paid or discharged in full under section eighteen, or

(*c*) when the amount lent, under section nineteen, to a zamíndár has been repaid, together with the interest due thereon, or

(*d*) when the amount so lent, with interest, has been recovered from him as an arrear of land-revenue, or the balance thereof remaining unpaid has been remitted by the Local Government, or

(*e*) when the whole, or, where it is necessary to sell only a portion, that portion, of his proprietary rights in land has been sold under this Act to the highest bidder, or those rights have vested in Her Majesty under section twenty-four,

the Commissioner shall declare that the zamíndár has ceased to be subject to the disabilities mentioned in section eight, clause (*c*) :

Provided that, in cases coming under clause (*d*) of this section, no such declaration shall be made without the previous sanction of the Local Government.

CHAPTER VI.

OF APPEAL AND REVISION.

Appeals.

26. An appeal against any decision or order of the special Judge, under this Act, shall lie to the Commissioner if preferred within one month from the date of the decision or order, and not later, unless the appellant satisfies the Commissioner that he had sufficient cause for not presenting the appeal within that period.

Subject to the power of revision next hereinafter provided, the decision of the Commissioner on an appeal under this section shall be final.

Power to call for proceedings and pass order thereon.

27. The Board of Revenue or the Commissioner may, of its or his own motion, or on the application of any person concerned, call for and revise the proceedings in any case under this Act, and pass such order thereon, consistent with the provisions herein contained, as it or he thinks fit :

Provided that nothing in this section shall empower the Commissioner to pass any order reversing or modifying an order passed by the Board of Revenue.

CHAPTER VII.

MISCELLANEOUS.

Death of zamíndár during proceedings.

28. If a zamíndár with regard to whom a notice has been published under section seven dies before a declaration has been made in respect of him under section twenty-five,

(*a*) the proceedings under this Act shall be continued as nearly as may be possible in all respects as if the zamíndár were still living ; and

(*b*) any person succeeding to the whole or any portion of the zamíndár's proprietary rights in land shall become subject in respect of those rights to the disabilities imposed by section eight, clause (*c*), and shall continue so subject until a declaration has been made in respect of him under section twenty-five.

Investigation to be deemed a judicial proceeding.

29. Every investigation conducted by the special Judge with reference to any claim made to him under this Act, or to any matter connected with any such claim, shall be deemed to be a judicial proceeding within the meaning of the Indian Penal Code ;

Special Judge deemed public servant within meaning of Indian Penal Code.

and the special Judge shall be deemed to be a public servant within the meaning of that Code.

Power to summon witnesses, compel production of documents and award costs.

30. For the purposes of compelling the attendance of witnesses and the production of documents, and of awarding costs, the special Judge shall have the powers conferred on a Civil Court by the Code of Civil Procedure.

Bar of suits.

31. No suit or other proceeding shall be maintained against any person in respect of anything done by him in good faith pursuant to this Act.

Power to make rules.

32. The Local Government may, from time to time, make rules consistent with this Act—

(*a*) to regulate the procedure in all cases under this Act ;

(*b*) to declare what shall, for the purposes of this Act, be deemed to be the vernacular language of any specified district ; and

(*c*) generally to carry out the provisions of this Act.

Such rules shall be published in the official Gazette, and, when so published, shall have the force of law.

D. FITZPATRICK,
Secy. to the Govt. of India.

SUPPLEMENT TO

The Gazette of India.

Nº 21.} CALCUTTA, SATURDAY, MAY 27, 1882.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

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GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

CIVIL WORKS.

Telegraph.

ADMINISTRATION REPORT OF THE INDO-EUROPEAN TELEGRAPH DEPARTMENT FOR THE YEAR 1880-81.

Nos. 149-57 T., dated Simla, the 13th April 1882.

RESOLUTION—By the Government of India, Public Works Department.

Read—

Letter from the Director-in-Chief, Indo-European Telegraph Department, No. 279, dated 24th August 1881.

OBSERVATIONS.—The Capital Account has been increased during the year by £276-4-9 only, and stood at the end of the year approximately at £1,154,429-4-9.

2. The receipts amounted to £88,474-12-10, showing an increase of £7,330-5-11 over those of the previous year; most of the increase being due to increased receipts from the common purse arrangement. In the Administration Report of 1879-80 the Director-in-Chief reported that the earnings for that year, subject to correction, were £82,710-16-3, the difference between this amount and the sum now reported as the earnings of that year, or £81,144-6-11, should be explained at an early date. In submitting future accounts all such differences should invariably be explained.

3. The expenditure of the year was £73,113-2-10, being somewhat higher than the normal expenditure of the previous year, owing to increased cost of repairs.

4. The net balance of the year's revenue over working expenses amounted to £15,361-10-0; but this does not include the earnings of the *Patrick Stewart*, for services rendered to other departments, amounting to £1,078-6-0, and the value of the *Amberwitch*, £4,000 transferred to the Marine Department. Including these items the net revenue is increased to £20,439-16-0, representing a profit of £1·77 per cent. on the capital outlay.

5. Considerable damage was done to the lines in Persia by the storms during the winter, which was exceptionally severe, and the cost of repairs has been consequently somewhat heavier than usual; but, on the other hand, the wilful damage done to the lines was only of a trivial nature.

6. The general results of the year's operations are very satisfactory, so far as the working of the Telegraph service and the efficiency of the lines are concerned, and the Government of India concurs in the commendations by the Director-in-Chief of the staff, through whose exertions such good results have been obtained. But the financial condition of the administration requires careful consideration. The Government of India notes with approval that efforts are being made to increase the traffic, and it may be noted that some reductions have been made in the cost of working since the Report under review was written.

7. The total revenue is the largest that has been earned since the alternative route *viâ* Suez was completed, and there seems to be a fair prospect of the revenue increasing; but as yet it does not yield an adequate return on the capital invested, and endeavours must not be relaxed to secure such a diminution of working expenses as shall, without risking efficiency of the service, leave a fair balance for interest on the capital invested.

8. The figures quoted in the Report relating both to the Capital and Revenue Accounts differ somewhat from those in the annual accounts submitted by the Examiner of Telegraph Accounts: this is unavoidable as the figures shown in the Administrative Accounts are the actual earnings whether received or not, and the actual expenditure incurred whether paid or not. On the other hand, the Financial Accounts exhibit the transactions which actually occur during the year. It is manifest, therefore, that the two sets of figures can never agree.

9. The differences between the two sets of figures are brought out in the subjoined statement:—

	As per Administration Report.	As per Finance Accounts.	Difference.	
			More.	Less.
	£	£	£	£
Capital Expenditure—				
During the year 1880-81 . . .	276	290	...	14
To end of 1880-81	1,154,429	1,153,755	674	...
Revenue Receipts—				
During the year 1880-81 . . .	88,475	84,219	4,256	...
Revenue Expenditure—				
During the year 1880-81 . . .	73,113	69,632	3,481	...

The difference of £14 under Capital expenditure during the year 1880-81 is explained to be due to approximate figures having been entered in the Administration Report, while the Finance Accounts contain actuals. The difference under Capital expenditure to end of 1880-81 is partly due to the difference of £14 shown above, and partly to certain adjustments of previous year's expenditure. The difference under Revenue receipts is due to the Administration Report dealing with net revenue from messages earned by the Department for the complete year; while the Finance Accounts bring to account the actual receipts of the year, whether pertaining to the year alone or to previous years. The difference under Revenue expenditure is partly due to adjustments, subsequent to the submission of the Administration Report, and partly to the refund from common purse to other Telegraph Administrations, being treated in the Administration Report as reduction of receipts, while in the Finance Accounts it has been treated as expenditure.

Order.—Ordered, that a copy of this Resolution be forwarded to the Director-in-Chief, Indo-European Telegraph Department, for information and guidance.

Also, that copies of the Report and Resolution be forwarded to the Department of Finance and Commerce, and to the Foreign, Military (Marine), Home, and Revenue and Agricultural Departments for information.

Also, to the Government of Bombay, and to the Director General of Telegraphs in India for information, and to the Publisher of the *Gazette of India*, for publication in the Supplement to the *Gazette*.

Ordered further, that the Report and Resolution be forwarded to the Secretary of State for the information of Her Majesty's Government.

W. S. TREVOR, *Colonel, R.E.*,
Secretary to the Government of India.

No. 279, dated 24th August 1881.

From—Lieut-Col. J. U. Bateman-Champain, R. E., Director-in-Chief, Indo-European Government Telegraph Department,

To—The Secretary to the Government of India, P. W. Dept.

I beg to submit the following Administration Report of the Indo-European Government Telegraph Department for the year ending 31st March 1881, and I class my observations in the same order and under the same general heads as those in last year's statement :—

CAPITAL.

Capital Account, Appendix A.

2. In my Report for 1879-80, the Capital Account was stated to be, approximately, on 31st March, £1,154,333-0-3, which figure was subsequently corrected to £1,154,153. On the 31st March 1881, the account stood, subject to slight modifications, at £1,154,429-4-9, showing an increase during the year of £276-4-9 to the Capital Account of the Department. Full particulars are given in the Appendix A.

REVENUE.

Revenue Account for 1880-81, Appendix B.

3. The receipts during the year amounted to £88,474-12-10 which, compared wtih £81,144-6-11, received during the previous year, shows an increase in 1880-81 of £7,330-5-11, of which sum £7,244-12-9 is due to our increased receipts from the common purse.

Expenditure for 1880-81.

4. The expenditure of the year was £73,113-2-10, but in order to compare this properly with the previous year's figures, it is necessary to eliminate from that year's expenditure the large abnormal debit, transferred from Capital Account of £26,534-12-10, part cost of the new departmental steamer *Patrick Stewart*. The normal expenditure for 1879-80 is then seen to be £68,175-4-11, showing an increase to expenditure in 1880-81 of £4,937-17-11, the principal items of difference being as follows :—

	Increase. £	Decrease. £
1. Repairs	3,725	...
2. Establishment	...	753
3. Tools and Plant	...	1,141
4. Cable Steamer and Marine charges	834	...
5. Advertising and Agencies, (2 years)	994	...
6. Stores for Turkish Government, cost since recovered	959	...
7. Public Works charges	181	...
	6,693	1,894

The remaining differences are unimportant.

I should point out that items 5 and 6 are not *bonâ fide* expenditure during the year. The charges for advertising, &c., are for previous years, while the cost of the stores lent to the Turkish Government has since been repaid, so that the real increase was not £4,937-17-11, but £2,984-17-11.

Net gain on year.

5. The net balance of the year's Revenue Account is £15,361-10-0, and shows an improvement upon last year, allowing for the abnormal entry above referred to of £2,392-8-0.

ADMINISTRATION ACCOUNT.

Extra earnings.

6. The following items, for which I am not authorized to take credit under Revenue, although in fairness due to that account, are—

	Rs.
Earnings of *Patrick Stewart*	10,783
Estimated value of *Amberwitch* transferred to Marine Department without charge	40,000
	50,783
	or £ 5,078-6-0

This amount if credited to our Revenue Account would increase the balance for 1880-81 to £20,439-16-0, even if the temporary loan to the Turkish Department of £959 be included in the year's expenditure.

Transfer of *Amberwitch*.

7. With regard to the item entered as "Value of the *Amberwitch*," I have already ventured to point out to the Government of India that, in accordance with the order by which the cost of the new ship was actually deducted last year from our departmental earnings, the proceeds of the sale of the old ship were, on the other hand, to be credited. In consequence, however, of the *Amberwitch* having been transferred to another branch of the service and not sold, an inaccurate impression of the real financial results of our working is given by the figures I have to submit.

8. Para. 4 of the Government of India Resolution on my last year's Report clearly lays down that the sale proceeds of the *Amberwitch* will be credited to our revenue, yet by letter No. 234S., Marine Department, dated Simla, 4th May 1881, this ruling is nullified, and the Marine Department obtains for nothing a ship for which this Department paid.

LINES, MAINTENANCE AND REPAIRS.

No change in Persian Division.

9. The lines which constitute the Persian Division have been practically unaltered since my last annual Report was submitted. No extensions have been carried out nor are any in contemplation, and the outdoor work of the Inspectors has been confined to repairs.

Decrease of wilful damage in Persia.

10. Lieutenant-Colonel Smith observes that wilful damage to the poles and wires has been only of a trivial nature, not greater than probably occurs on telegraph lines in other countries.

Present length of Persian Gulf cables.

11. In the Persian Gulf Division owing to the abandonment of our station on the small Island of Henjam and the consequent joining up of the Jashk-Bushire gutta-percha cable, the length of the latter has been very slightly increased. From Fao *viâ* Bushire-Jashk and Gwadur to Karachi the total amount of gutta-percha cable is now 1217·37 nautical miles. The India-rubber cable between Bushire and Jashk measures the same as last year, *viz.*, 498·46; the total of our submarine wires being therefore 1715·83 nautical miles.

Mr. Mance's Report.

12. The annual Report submitted by Mr. Mance, the Engineer and Electrician, contains so much information which may be of great value to all engaged in submarine telegraphy, that I forward it as received with the following general remarks.

Insulation of cables.

13. It will be seen that the eletrical condition of the cables is, as compared with the insulation at the beginning of the year, decidedly satisfactory.

Faults in cables during 1880-81.

14. There were 12 deep sea faults, 11 of which have been successfully repaired. The twelfth developing itself on the Bushire-Jashk gutta-percha section on the 26th March, just after our repairing vessel, the *Patrick Stewart*, had sailed for

Bombay for alterations to diminish her rolling. After much consideration, and acting under the advice of Mr. Ffinch and Mr. Mance, I decided not to recall the ship, but to postpone repairs to the gutta-percha and trust to the India-rubber cable to carry our traffic.

Remark on recent break of both Eastern cables.

15. Happily the confidence reposed in the latter has been justified by the results, and even when both the cables of the Eastern Company became interrupted in June and July of the current year, the whole of the telegraphic business between Europe and India and the Far East was satisfactorily transmitted by our single India-rubber cable with very little delay indeed.

16. The history of the recent unusual pressure on this Department is not, however, to be entered upon here, but will be related in the Report for the year 1881-82.

Cause of faults.

17. All these 12 deep sea faults except one occurred on the same section of cable and are ascribed to the corrosion of the guard wires causing breaks where the cable happens to rest on uneven ground.

Accuracy of tests.

18. Mr. Mance's tests for discovering the situation of an interruption have been singularly accurate, the average distance between the calculated and the actual position being only about a quarter of a mile.

Condition of India-rubber (Hooper's) cable.

19. During the year under review the (Hooper's) India-rubber cable has given no trouble at all. Its insulation is rather variable owing to the existence of a very minute defect which does not, however, interfere in any way with the working.

Brown and Allan relay.

20. The value of the Brown and Allan relay now regularly used on our main circuit has even exceeded our expectations, and during the past year a formal agreement was entered into with the inventor to allow of our employing as many as we wish over our Persian Gulf Division. Owing to a slight misunderstanding during my absence from England, some delay (referred to in Mr. Mance's Report) took place in shipping the additional instruments wanted, but the difficulty was overcome on my return, and the Department is now completely supplied. Mr. Mance has devised a new system of translation for use with this relay, and has thus increased the signalling speed in a marked degree.

Cable work at Manora-Karachi Harbour.

21. During the year the new cable factory at Manora was completed, and I was much pleased with the building and with the new machinery when I inspected the place in January last. Fifty-five miles of old cable were thoroughly overhauled and made almost as good as new. The effect of the establishment of these works will be that at a comparatively small annual outlay for wire and taping, we shall gradually renew the cables which are now respectively 18 and 12 years old.

Length of Mekran land line.

22. The Mekran Coast land line has been greatly improved by the extended use of the oil insulators introduced by Messrs. Johnson and Phillips. The length of this section is now 680 miles, carrying 1,360 miles of wires, the slight addition to the length of last year being due to a diversion which has been carried out between Karachi and Ormara. Formerly, the line zigzagged up the lofty Malan Cliff close to the sea, and accidents were somewhat frequent and repairs most difficult to effect.

Diversion of land line at Malan Cliff.

23. The route selected by Mr. Newnham, the Assistant Superintendent in charge, after a careful survey of the country, cuts out more than 50 miles of the old line and runs inland. It is slightly longer, but much more accessible than the former route. Mr. Ffinch speaks most warmly of Mr. Newnham's exertions and of the great advantage of the change from the Malan. In order to save expense, the diversion was carried out slowly during three seasons, and almost entirely by the permanent staff employed on the line. Both the Assistant Superintendents on the Mekran Coast Telegraph, Messrs. Newnham and Pierce, have been very assiduous and successful in their labours to improve this important section.

INTERRUPTIONS.

Unprecedented severity of season in Persia.

24. The winter of 1880-81 was one of almost unexampled severity all over Persia, and, notwithstanding the efforts of our maintenance staff, the interruptions were, in com-

parison with previous years, numerous and of long duration. In December, large tracts of country, especially in the south, were literally flooded by continuous heavy rain which not only washed down many telegraph poles but made travelling impossible. In the alluvial plain of Persepolis the damage to our line was very serious, and as nearly all the bridges over the narrow deep streams were carried away, repairs to the line were most tedious and difficult to effect. In one place near Bushire the Inspector succeeded in restoring communication through one wire by arranging relays of men to hold up the posts until the water subsided sufficiently to admit of their being replaced. In the case of another break near Shiraz, the Inspector had to open his way at considerable risk through the deep drifts of snow by driving bullocks in front of him. Heavy rains all over Persia were succeeded by snow and hard frost, so that the wires were literally broken down by the weight of the icicles and frozen snow, and it is not surprising that the interruptions to traffic, that is to say when all three wires were disabled, amounted in the aggregate to 7 days 19 hours and 55 minutes. In the previous year they were but 4 hours and 40 minutes. The interruptions of 2 wires amounted to 8 days 12 hours 45 minutes as compared with 2 days 23 hours 24 minutes, and of 1 wire to 19 days 15 hours 21 minutes compared with 13 days 4 hours 9 minutes in 1879-80.

Interruptions in Persia.

25. I can from personal observation assert that the increased interruptions were not due to diminished activity or attention on the part of the staff, nor to decay of the posts or wires, but solely to the disastrous weather which prevailed.

26. In the Persian Gulf through communication was not once interrupted during the year under reveiw. The gutta-percha Bushire-Jashk cable was however broken for 175 days 15 hours, and has in fact only been mended in August 1881. It might have been put right when we pleased, but the alternative India-rubber cable was well able to carry all our business, and as stated above, our vessel, the *Patrick Stewart*, had been ordered into dock at Bombay just as the last cable defect in the Gulf was developed.

Interruptions in Gulf.

27. The Mekran land line was out of order for 169 hours 10 minutes, chiefly in consequence of landslips at the Malan Cliff, which dangerous place is now avoided by the Buzi diversion mentioned in para. 23.

Interruptions on land line, Mekran Coast.

28. The total interruptions to traffic on the Teheran route amounted during 1880-81 to 14 days 18 hours 47 minutes, of which 6 days 22 hours 52 minutes are chargeable to the Indo-European Company's section between London and Teheran, and 7 days 19 hours 55 minutes to our own Persian Section between Teheran and Bushire. The Turkish lines were broken for 147 days 4 hours and 16 minutes.

29. It may therefore be pointed out that, notwithstanding the bad breaks in Persia, the Indo-European "through" line was interrupted in 1880-81 rather less than the preceding year, *viz.*, 14 days 18 hours 47 minutes, as compared with 15 days 14 hours 27 minutes as entered in para. 24 of my last year's Report.

Interruptions on through line somewhat less than last year.

TRAFFIC.

30. The rules and tariffs of the London International Convention came into force on the 1st April 1880, and remained in operation during the year.

London Convention in force.

31. In the tariffs the only alteration affecting India was an increase of 10 centimes to the terminal rate which, having been unsuccessfully applied for at the Rome Conference in 1872 and at the St. Petersburg Conference in 1875, was at length accorded at the London Conference of 1879. To meet this increase in India the British Post Office and the English Companies raised their collection in the United Kingdom from 4*s.* 6*d.* to 4*s.* 7*d.* per word, although the former amount would have sufficed to cover the revised charge of fcs. 5·60. The raising of the collection at the English end of this lines was opposed by this Department, but without success.

Slight change of tariff.

Total revenue.

32. In 1880-81, as stated above, our receipts were £ 88,475 made up as follows :—

	£
Earnings	69,192
Profit from common purse	18,887
Miscellaneous	396
TOTAL	88,475

This is actually the largest revenue to the Department since the rival Suez line was completed.

Remarks on proportion of work done by the two main systems.

33. Although the earnings, £ 69,192, are some £ 5,000 in excess of those of last year, the proportion of messages carried by the Department has not kept pace with the business done *viâ* Suez. The Eastern Company have one enormous advantage over ourselves in the circumstance of their owning special offices in Liverpool and Manchester besides those in London, with wires from those important cities to the metropolis. The conveniences thus offered to the mercantile public are great, and since the close of the year under review, the whole question has been carefully considered by the Indo-European Company and myself, and with the approval of the Secretary of State, measures will shortly be adopted which will, we hope, tend to improve our earnings and lessen the profit we now derive from the joint purse.

34. Last year we earned 80 per cent., this year 78 per cent., of our total revenue.

Remarks by Mr. Brasher.

35. In relation to this question of why the Red Sea line succeeds in obtaining more than its former share of the public patronage, Mr. Brasher, after enumerating several reasons, observes that "the Eastern Company's Association with the Extension Company is so close that the latter gives it practically all the Far East traffic. The Indian Government having from the outset granted to the Extension Company the privilege of an unconditional free label across India, the Extension Company takes advantage of it to label all its traffic *viâ* Suez. By International rules, it is the senders of the telegrams who ought to place the labels on their messages, the Administrations having only the reversion of this right if the senders fail to make use of it.

"I do not know what was the intention of Government in granting the free label to the Extension Company, without a guarantee that it must be written by the senders and at their own free will; but in the days of our strongest competition with the Eastern Company, conclusive evidence used to be laid before the Indian Telegraph Department that residents in the Far East were not allowed the power to label their homeward messages by any other than the Eastern route. No effective action was, however, apparently taken on this evidence, and the same state of things still exists up to the present day.

"The fact of messages coming home from the Far East *viâ* Suez, leads to messages going out to the Far East *viâ* Suez, and the quasi-monopoly of the Far East traffic thus secured to the Eastern Company has given to that Company a great deal of Indian traffic also, for merchants and banks doing business with India and beyond naturally prefer to send all their messages by one route and so avoid multiplying their accounts. The remedy, so far as practicable, would be for Government to withdraw the right of way across India for the label on Far East messages except where it was added by the sender. Free transmission should apparently be for the public label only, and not for that of the Extension Company. Messages not labelled by the public should be sent home from India by the route working best, in accordance with Reg. XXXVIII of the London Convention.

"As its association with the Extension Company's lines beyond India gives the Eastern Company an enormous advantage in the East, so the possession of Branch Offices at Manchester and Liverpool, with special wires to London, gives it the bulk of the provincial traffic of the United Kingdom, for no merchants will use the omnibus lines of the Post Office where special wires exist and are available for their service.

"The only means of recovering our share of the provincial traffic of the United Kingdom will be for the Indo-European route also to rent special wires to Manchester and Liverpool, and this is being done."

36. It may be interesting to note that prior to the establishment of the Indo-European and the Eastern Companies in 1870 when the entire traffic passed by the lines of this Department and across Turkey, the average number of paid words per annum was about 755,000.

Number of paid words which passed during year.

37. The number, counting the traffic *viâ* the Persian Gulf and *viâ* the Red Sea combined, has increased to 3,187,211 during 1880-81, of which 2,303,721 were transmitted by the Eastern Company and 883,490 by ourselves. There were besides messages between the several Gulf stations, between Persia and Turkey, &c., which are distinct from the joint purse messages and which raise the total number of paid words from 883,490 to 924,292.

38. During the year moreover 612 Government press messages or 43,851 words of the net value of Rs. 38,369-12 were despatched from Karachi to the Resident at Bushire without charge to Government.

39. Mr. Herbage in his Report gives the following table of the annual growth of the traffic over the Gulf cables during the past four years which shows that since 1877-78 there has been the very substantial increase in—

	Per cent.
Messages	70½
Number of words	53½
Net receipts	74
Gross value	79

Year.	Number of messages.	Containing words.	Net receipts to the Persian Gulf Section.			Gross value of traffic.		
			Rs.	A.	P.	Rs.	A.	P.
1877-78	29,363	601,523	3,72,672	8	0	9,04,949	14	0
1878-79	35,645	701,826	4,46,070	14	0	10,97,976	3	0
1879-80	42,487	872,796	6,01,023	4	0	13,97,687	1	0
1880-81	50,059	924,292	6,48,080	4	0	16,19,846	11	0

Speed of transmission.

40. The mean rate of transmission between London and Karachi was highly satisfactory: the average time occupied being precisely the same as last year, *viz.*, 39 minutes; the time between London and Calcutta *viâ* Teheran was 1 hour 18 minutes against 2 hours 22 minutes *viâ* Suez where the traffic was, as already stated, much heavier.

Irregularity of the working *viâ* Turkey.

41. The working *viâ* Turkey has been irregular and unsatisfactory as compared with that of last year. This may be accounted for in great measure by the severity of the winter and the heavy floods between Baghdad and Bussorah.

Accuracy of the signalling.

42. The accuracy of the signalling has been decidedly good. The errors made on the Persian Gulf Section were 0·301 per cent. of the words transmitted. Lieutenant-Colonel Smith's return for Persia has not been made out on a correct principle: errors classed as "extremely trivial" not having been noted at all. I have drawn Colonel Smith's attention to this matter and have instructed him in future to enter *every* mistake, no matter how insignificant in appearance.

43. Mr. Herbage concludes his annual letter as follows:—

Remarks by Mr. Herbage.

"The Report for 1879-80 showed most satisfactory results in traffic, speed and accuracy, and although during the year under review our transactions have not developed in the same proportion as in the preceding year, yet they are in all particulars favourable and progressive, and may be briefly summarized under one head."

INCREASE.

	1880-81 compared with 1879-80.	1879-80 compared with 1878-79.	Total increase for past 2 years.
Number of messages	17¾ %	19 %	36¾ %
Number of words	6 %	24 %	30 %
Net receipts, Persian Gulf Section	7¾ %	34 %	41¾ %
Gross value of traffic	23 %	27 %	50 %

Objection rather generally entertained to one of the new Convention Rules.

44. Under this heading "Traffic" I may allude briefly to one of the new rules of the London Convention which is considered faulty by the Indian Department and my own. I refer to Reglement XIX relating to rectifying messages. It would be inconvenient to enter fully into the matter here, and

I will content myself with stating that I am now in communication with the Indian Department and the London Companies on the subject, and I hope some method may be devised of removing the difficulty which at present certainly exists.

INSPECTIONS, &c.

Lieutenant-Colonel Smith's inspections in Persia.

45. At the beginning of the year Lieutenant-Colonel Smith, the Director, had just returned from his inspection of the lines between Teheran and Bushire, and in the autumn he accompanied me again, returning to his head-quarters in January 1881. Mr. Ffinch visited the Mekran land line and its stations in September 1880, and subsequently in January he and I inspected all the cable and land line offices from Fao to Karachi.

Mr. Ffinch in Persian Gulf.

Mr. Palmer's inspection of the Head Office at Karachi.

46. During the year Mr. Palmer, the Examiner of Telegraph Accounts, was good enough to visit Karachi at my request, and he examined very closely the system of accounts and the various forms in use. He suggested some valuable modifications of the latter, and since his inspection, we have been able to do away with a considerable amount of clerical work at the Gulf head-quarters. Mr. Palmer afterwards informed me that he was much pleased with the way in which the work was carried on at Karachi.

Journeys of Director-in-Chief during 1880-81.

47. My own journeys during 1880-81 were as follows:—In May I received orders from the Secretary of State to proceed to Constantinople to re-open negotiations with regard to the Fao line of telegraph. The idea was to work the wire which connects Constantinople with the Persian Gulf cable at the cost of the joint purse. Difficulties, however, arose soon after I had commenced talking the matter over with the Turkish Director General, but they were by no means raised by the latter. The English Companies who are with this Department parties to the joint purse, withdrew their consent to aid in the project unless certain terms (which had no direct connection with Turkey) were granted them by the Government of India. These terms not being considered reasonable, it was decided that I should abandon the attempt, and I accordingly returned to London at the end of July.

48. In October I started once again for Teheran travelling out by Russia and the Caspian Sea. On this occasion, instead of landing at the usual port of disembarkation, Enzelli, I left the steamer at Meshed-i-Sar, considerably further east than the former place, having availed myself of the opportunity of seeing the Russian stations of Krasnovodsk, Chikishlar and Ashouradeh on my way.

49. A full account of my journey was addressed to the Under Secretary of State on the 22nd April 1881, and a copy forwarded to you on the 27th with my note No. 190.

50. It will therefore be unnecessary for me to describe my inspection at any length in this Report.

51. Colonel Smith marched with me from Teheran on the 21st November, and we continued our travels in company along the line until the 28th December. A severe attack of illness brought on by the cold and wet obliged Colonel Smith to turn back when nearly at the end of the journey. On the 31st I succeeded, after some difficulty, in reaching Bushire.

52. Here I was met by Mr. Ffinch and the cable steamer *Patrick Stewart*, and I visited all the offices at Fao-Bushire, Henjam (then being dismantled), Jashk, Charbar, Gwadur and Ormara, eventually reaching Karachi on the 18th January 1881. Thence I proceeded to Calcutta, where I remained about a fortnight, during which time I had the honor of fully discussing with yourself the several matters connected with this Department which required consideration. I then returned to England, where I arrived on the 10th March.

ESTABLISHMENTS.

Changes effected in Persian staff.

53. In Persia some changes in the Establishment were made during the year. Lieutenant Wells, R.E., was appointed Assistant to the Director, and the two Superintendentships were done away with. On this point Lieutenant-Colonel Smith writes as follows:—

Lieutenant-Colonel Smith's observations.

"In the old arrangement the line was divided into two Divisions, each under a Superintendent, who had charge both of the line maintenance and of the offices, and who

prepared and submitted all the accounts of the Division. The local traffic accounts and checking of messages were specially provided for in the budget. The survivor of the two Superintendents, Mr. Daniell, having become supernumerary, as specially sanctioned by Government, I gave him, under the new organization, charge of all the expenditure accounts, also of the local traffic accounts and the checking of messages. Each expending officer keeps an imprest account, and one general account of expenditure for the whole Department is prepared by Mr. Daniell, and submitted monthly to the Examiner of Telegraph Accounts. The line maintenance is placed under the Assistant Director, and the offices under the Assistant Superintendents. The new organization will, I have every reason to believe, work well."

54. In the Gulf Division no changes worthy of special remark were introduced during the year. Some reductions were made as soon as Henjam Station was closed, and proposals for further economies have been submitted for the approval of Government.

DEPARTMENTAL STEAMERS.

Improvements in the *Patrick Stewart.*

55. The cable steamer *Patrick Stewart* has, as shown in Appendix D, been very busy throughout the year. I spent 14 or 15 days on board in January, and was exceedingly well pleased with the vessel's accommodation and equipment. As I have had occasion to report to the Government, the excessive rolling in a cross sea was the great defect of the ship, and I am now happy to state that the measures adopted by the Bombay Marine authorities have completely fulfilled their object, and I learn from Captain Bishop that the ship is now perfectly steady and comfortable.

56. The *Amberwitch* was transferred to the Marine Department, and the steam barge *Rose*, no longer wanted, was sold to the Karachi Harbour Board for Rs. 10,000.

STORES.

Expenditure of material in the Persian Gulf.

57. During the year 1880-81 very little was expended in Persia under the head of Stores. But, owing to the great number of interruptions on the cables, an unusual quantity of material was used in the Gulf Division.

At the close of the previous year —	Rs.
The balance of stores in hand was	2,56,652
The receipt during the year 1880-81	47,034
TOTAL .	3,03,686
The issues amounted to	1,11,652
Leaving a balance of .	1,92,034

to be carried forward on the 31st March 1881. Including the outlay of cable on the Henjam Diversion, 47·11 knots of gutta-percha cable were laid during the year and 2·54 of India-rubber, leaving a stock in hand of 41·94 knots gutta-percha and 14·77 India-rubber.

Remarks on recent breaks of both the Eastern cables. These, however, occurred in 1881-82.

58. The conduct of the staff has been, generally speaking, excellent, and I shall on a future occasion point out how well the duties of the Department were carried on during the recent interruption of the Eastern Company's system. One of that Company's cables was broken early in June 1881, and, not long afterwards, the second was also interrupted, so that the whole of the traffic between India and the West was for a time thrown on our lines. Notwithstanding the fact that one of our cables was out of order at the same time, the work of some 700 to 800 messages per diem was carried on by the remaining single conductor with gratifying efficiency. Much credit for these results is due to Captain Gabler, acting for Mr. Ffinch, and especially to Mr. Mance.

Conduct of staff.

59. Lieutenant-Colonel Smith, R.E., in Persia and Mr. Ffinch in the Persian Gulf, with their Assistants, have performed their duties during the past year in a thoroughly satisfactory way, while Mr. Mance and Captain Bishop have been almost constantly engaged in the arduous work of cable repairs. To all these officers as well as to Mr. Brasher, to Mr. Herbage, and their Assistants, my thanks are due for the results above set forth, which show, I think, that the history of 1880-81 has been the most encouraging, so far, in the annals of the Indo-European Telegraph Department.

APPENDIX A.

INDO-EUROPEAN GOVERNMENT TELEGRAPH DEPARTMENT.

Summary of Expenditure on Capital Account to 31st March 1881 (prepared partly from telegrams).

	In India.	In England.	Total.	£ s. d.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Total Capital expenditure to 31st March 1880, as per Home accounts, page 43	... ...	... ...	... ...	1,154,153 0 0
" " " from 1st April " to 31st March 1881:—				
Persian Gulf Section—				
Works	(a) 8,843 1 10	.....	8,843 1 10	
On account first cost cable steamer *Patrick Stewart*	.....	(b) 3,855 15 4	3,855 15 4	
Balance of Suspense heads "Advances" and "Sales" charged off	18,743 4 5	.....	18,743 4 5	
	9,900 2 7	3,855 15 4	13,756 1 11	
Expenditure of the Public Works Department (by telegraph)	5,929 0 0	.....	5,929 0 0	
TOTAL PERSIAN GULF SECTION	15,829 2 7	3,855 15 4	19,685 1 11	
Persian Section—				
Balance of Suspense heads "Advances" and "Sales" charged off	3,042 11 1	.....	3,042 11 1	
TOTAL INDO-EUROPEAN TELEGRAPH	18,871 13 8	3,855 15 4	22,727 13 0	
Deduct—Receipts—				
Recovery from Indo-European Telegraph Company 10th instalment of Persian debt	.....	19,860 10 8	19,860 10 8	
Recovery from Paymaster General, Admiralty, on account of *Patrick Stewart* percentage on incidentals overcharged in account	.....	104 12 0	104 12 0	
	.....	19,965 6 8	19,965 6 8	
	18,871 13 8	16,109 7 4	2,762 6 4	276 4 9
				1,154,429 4 9

(a).—Sale proceeds, barge *Rose*, Rs. 10,000, works Rs. 1,156-14-2.
(b).—Canal dues, &c., debited in Home account, December 1880.

LONDON OFFICE,
25th August 1881.

J. U. BATEMAN-CHAMPAIN, *Lieut.-Col., R.E.,*
Director-in-Chief.

APPENDIX

INDO-EUROPEAN GOVERNMENT

Dr. *Revenue Account from 1st April 1880 to 31st*

To Traffic earnings 1st April 1880 to 31st March 1881—

	In Persian Gulf Section.	In Persian Section.	Total.	£ s. d.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Net earnings on Indian, Trans-Indian and local traffic including profit on mean rates, *viâ* Turkey .	6,25,044 11 10	66,877 9 4	6,91,922 5 2	
= £	62,504 9 5	6,687 15 2	69,192 4 7	
Credited to Common Purse .	51,181 1 3	6,053 16 6	57,234 17 9	
Balance { Net Revenue .	519 5 10	159 12 6	678 18 4	
Balance { Exchange* .	10,804 2 4	474 6 2	11,278 8 6	
To Traffic receipts from Common Purse—				
	£ s. d.	£ s. d.	£ s. d.	
Share of Department in Eastern Company's receipts	49,325 15 6	5,836 2 7	55,161 18 1	
Share of Department in Indo-European Company's receipts . .	10,452 9 3	1,236 14 4	11,689 3 7	
Share of Department in own receipts . . .	8,444 19 10	999 3 11	9,444 3 9	
	68,223 4 7	8,072 0 10	76,295 5 5	
Less—				
Credits to Companies for interruptions to Turkish line	155 7 1	18 7 7	173 14 8	
Total share of Common Purse . . .	68,067 17 6	8,053 13 3	76,121 10 9	
Total Traffic receipts .	79,391 5 8	8,687 11 11	88,078 17 7	88,078 17 7

To Miscellaneous receipts—

	In England.	In India.	Total.	
	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Persian Gulf Section . .	1,968 15 8	...	1,968 15 8	
Persian Section . . .	1,988 10 4	...	1,988 10 4	
	3,957 10 0	...	3,957 10 0	395 15 3
				88,474 12 10

* Due (1) to the collection in India of 8 annas for 1 franc, the Conventional tariff unit, and (2) to the conversion of Indian currency into sterling at the rate of Rs. 10=£1.

London Office,
25th August 1881.

B.

TELEGRAPH DEPARTMENT.

March 1881 (prepared partly from telegrams). **Cr.**

By Expenditure 1st April 1880 to 31st March 1881—

	In India.			In England.			Total.			£	s.	d.
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.			
Persian Gulf Section—												
Repairs	95,864	8	5	...			95,864	8	5			
Establishments	2,98,640	7	5	8,353	15	4	3,06,994	6	9			
Tools and Plant	17,582	6	3	...			17,582	6	3			
Cable Steamer	52,964	10	11	...			52,964	10	11			
Profit and Loss	...			...			...					
Stores	40,899	2	0	25,465	11	4	66,364	13	4			
Share of Chief Direction, London and Constantinople Offices	...			28,846	12	1	28,846	12	1			
Share of advertizing and agencies (2 years)	...			6,626	14	8	6,626	14	8			
Stores for Turkish Government (recoverable)	...			9,594	10	8	9,594	10	8			
Marine Department—	5,05,951	3	0	78,888	0	1	5,84,839	3	1			
"Patrick Stewart"	*47,745	0	0	...			47,745	0	0			
Stores	*2,222	0	0	...			2,222	0	0			
Public Works Department—												
Repairs	*3,681	0	0	...			3,681	0	0			
	5,59,599	3	0	78,888	0	1	6,38,487	3	1			
Deduct—												
Credits to Suspense heads "Stores"	1,17,495	11	11	...			1,17,495	11	11			
Value of stationery received without charge	*335	0	8	...			335	0	8			
	1,17,830	12	7	...			1,17,830	12	7			
	4,41,768	6	5	78,888	0	1	5,20,656	6	6	52,065	12	10
Persian Section—												
Repairs	4,826	0	9	...			4,826	0	9			
Establishment	1,84,944	0	10	931	14	0	1,85,875	14	10			
Tools and Plant	1,206	12	9	...			1,206	12	9			
Stores	2,317	1	9	...			2,317	1	9			
Share of Chief Direction and London Office	...			12,706	2	7	12,706	2	7			
Share of advertizing and agencies (2 years)	...			3,313	7	4	3,313	7	4			
Deduct—	1,93,294	0	1	16,951	7	11	2,10,245	8	0			
Value of stationery received without charge	*118	10	0	...			118	10	0			
	1,93,175	6	1	16,951	7	11	2,10,126	14	0	21,012	13	9
By Profit and Loss—												
Balance of unsettled traffic accounts for 1877-78 written off to Loss by authority of Secretary of State for India										34	16	3
By Balance being excess of receipts over expenditure										15,361	10	0
										88,474	12	10

* Figures received by telegraph.

J. U. BATEMAN-CHAMPAIN, *Lieut.-Col., R.E.,*
Director-in-Chief.

APPENDIX C.

INDO-EUROPEAN GOVERNMENT TELEGRAPH DEPARTMENT.

Total interruptions to through traffic on the Constantinople-Karachi Sections of the Turkish route during the year 1880-81.

Date.	Constantinople-Fao Section.	Fao-Karachi Section.	Remarks.
	Days H. M.	Days H. M.	
April 1880 . . .	11 12 54		
May „ . . .	24 7 2		
June „ . . .	23 6 15		
July „ . . .	7 0 39		
August „ . . .	6 15 42		
September „ . . .	10 17 54		
October „ . . .	3 21 40		
November „ . . .	12 5 40		
December „ . . .	23 0 47		
January 1881 . . .	8 1 37		
February „ . . .	7 20 15		
March „ . . .	8 13 57		
	147 4 16		
Comparison with preceding 2 years.			
1878-79	48 9 56		
1879-80	48 11 56		

List of total interruptions to through traffic on the Teheran route in 1880-81.

Date.	Indo-European Company's Section.	Indo-European Departmental Lines.		Total.	Remarks.
	London-Teheran.	In Persia.	In Persian Gulf.		
	Days H. M.	Days H. M.	Days H. M.	Days H. M.	
April 1880 .	0 6 9	...	...	0 6 9	
May „ .	0 1 17	...	...	0 1 17	
June „ .	0 23 41	...	...	0 23 41	
July „ .	0 3 48	...	...	0 3 48	
August „ .	1 7 41	...	...	1 7 41	
September „ .	0 1 9	...	...	0 1 9	
October „ .	0 23 26	...	...	0 23 26	
November „ .	0 10 9	...	...	0 10 9	
December „ .	1 5 54	4 17 42	...	5 23 36	
January 1881 .	0 9 24	...	...	0 9 24	
February „ .	0 6 12	2 19 43	...	3 1 55	
March „ .	0 20 2	0 6 30	...	1 2 32	
	6 22 52	7 19 55	...	14 18 47	
Comparison with preceding 2 years.					
1878-79 . .	9 3 53	1 14 20	...	10 18 13	
1879-80 . .	15 9 47	0 4 40	...	15 14 27	

London Office,
19th July 1881.

J. U. BATEMAN-CHAMPAIN, *Lieut.-Col., R.E.,*
Director-in-Chief.

APPENDIX D.

The work done by the *Patrick Stewart* during the year is detailed below—

Date. From			Date. To			Particulars.
April	1,	1880	April	15,	1880	Proceeded to Persian Gulf and repaired fault in the Henjam-Bushire Section of the India-rubber cable. Returned to Karachi.
,,	16,	,,	,,	27,	,,	Lying at Karachi.
,,	28,	,,	May	1,	,,	On passage to Bombay, carrying stores and passengers.
May	2,	,,	,,	3,	,,	Discharging stores and passengers.
,,	4,	,,	,,	14,	,,	Docked for scraping, painting ship's bottom, drawing stores. Hauled out of dock.
,,	15,	,,	,,	21,	,,	Employed in taking in iron ballast, Government stores, specie, &c.
,,	22,	,,	,,	25,	,,	On passage to Karachi.
,,	26,	,,	July	6,	,,	Lying at Karachi.
July	7,	,,	,,	16,	,,	Proceeded to Persian Gulf and repaired fault in the Jashk-Henjam Section of the gutta-percha cable. Returned to Karachi.
,,	17,	,,	Sept.	10,	,,	Lying at Karachi.
Sept.	11,	,,	,,	29,	,,	Proceeded to Persian Gulf and repaired 3 faults—one in the Jashk-Henjam Section and two in the Henjam-Bushire Section, also carrying stores and passengers to the stations. Returned to Karachi.
,,	30,	,,	Oct.	31,	,,	Lying at Karachi.
Nov.	1,	,,	Nov.	3,	,,	On passage to Bombay, carrying stores, troops, followers, passengers and mails.
,,	4,	,,	,,	12,	,,	Discharging stores, &c. Hauled into dock, cleaning and painting the ship's bottom, drawing stores, &c.
,,	13,	,,	,,	14,	,,	Hauled out of dock. Coaling and preparing for sea.
,,	15,	,,	,,	20,	,,	On passage to Karachi *viâ* Pusnee and Ormara, bringing the Deputy Director from Pusnee.
,,	21,	,,	Dec.	4,	,,	Lying at Karachi, taking in cable, stores, &c., preparatory to leaving for the Persian Gulf.
Dec.	5,	,,	Jan.	18,	1881	Proceeded to Persian Gulf with the Deputy Director on annual tour of inspection and reliefs for stations. Repaired Henjam-Bushire Section of cable. Proceeded on special duty to Behrein with the Political Resident in the Persian Gulf. Proceeded to Fao with the Director-in-Chief and returned to Karachi, calling at all the stations.
Jan.	19,	1881	Feb.	7,	,,	Lying at Karachi.
Feb.	8,	,,	,,	24,	,,	Proceeded to Persian Gulf; repaired one section of cable and carried out the Henjam diversion; returned to Karachi calling at Jashk for passengers.
,,	25,	,,	Mar.	11,	,,	Lying at Karachi, removing cable gear, &c., preparing to proceed to Bombay. Refitting ship to proceed to Gulf to repair cable.
Mar.	12,	,,	,,	17,	,,	Proceeded to Persian Gulf, and repaired Gwadur-Jashk Section of gutta-percha cable; returned to Karachi.
,,	18,	,,	,,	20,	,,	Lying at Karachi, receiving in stores, &c.
,,	21,	,,	,,	23,	,,	On passage to Bombay, carrying stores, troops, &c.
,,	24,	,,	,,	31,	,,	Discharging stores, &c., awaiting admission into dock for repairs and alterations (which took place 21st April).

J. U. BATEMAN-CHAMPAIN, *Lieut.-Col., R.E.,*
Director-in-Chief.

The 25th August 1881.

APPENDIX E.

ADMINISTRATION REPORT, 1880-81.

The Engineering staff has been as fully occupied in repairing the cable both on shore and at sea as during the preceding year. The number of faults removed from the cable during deep sea repairs is exactly the same as in

1879-80, but there has been in addition the diversion of the cable from the Henjam Station, and an amount of work at Manora far in excess of that carried out during any previous year.

FAULTS.

2. The total number of faults which occurred during the year on all sections of the cable was—

12 deep sea faults,
and
4 faults in harbour and camp cables.

3. The faults in the Karachi Harbour cables require but little comment. Three were caused by the perishing of the gutta-percha core in dry ground and one by a bugla anchoring close in shore, and fouling the cable with her grapnel. These faults were repaired without difficulty, and required only a trifling expenditure of cable.

4 The whole of the deep sea faults were caused by corrosion of the guards at points where the cable rested on an uneven bottom. In the majority of cases the core of the cable has gradually stretched at a weak place in the iron sheathing until the copper conductor has parted inside the percha. This is a description of fault with which we are now tolerably familiar. Wherever these interruptions occur, it is invariably noticed that the cable has only been touching the ground at intervals of from ten to thirty yards. The growth of marine life *round* the cable proves this conclusively. As a general rule, these irregularities in the bottom are extremely shallow, and the strain on the cable necessary to prevent it resting fairly on the bottom must therefore have been considerable. As wire after wire of the outside guards perishes by the corrosion which always takes place when the cable is not resting in the mud, the remaining wires straighten themselves out under the strain, and the core must of necessity stretch to accommodate itself to the elongation of the outer covering. If the strain on the cable as it rests at the bottom does not exceed three hundredweights, no fracture will occur unless the cable is exposed to some chafing action, but should the strain approach four or five hundredweights, the core, directly it loses the support of the iron guards, must either stretch or break. A length of two or three feet will stretch as much as four or five inches before the copper conductor parts, and after this occurs, the percha will occasionally stretch for two or three inches additional before giving way. This being the case, it may easily be understood that many such weak places might exist at which the tension has been relieved and reduced below the breaking strain by a slight elongation of the core, and, if at such points, no chafing action subsequently occurs, the cable, either imbedded in mud or protected by a growth of shell fish, may remain without further injury for an indefinite period.

INTERRUPTIONS.

5. The following interruptions have occurred on the various sections during the past year:—

Fao-Bushire.—Communication always perfect.

Bushire-Jashk (India-rubber).—Communication always perfect.

Gwadur-Manora.—Communication always perfect.

Jashk-Gwadur.—Interrupted 6 days 19 hours.

Bushire-Jashk (old gutta-percha).—Interrupted 175 days 15 hours.

6. The latter length includes what was formerly designated the Bushire-Henjam and Henjam-Jashk sections. The number of faults which occurred in this section was eleven (the same as during the previous year). But the unusual length of time during which this cable has been interrupted is due chiefly to the fact that, to avoid the necessity for such frequent repairing expeditions, the work was occasionally deferred for a while to enable two or more faults to be removed during the same trip. The last interruption occurred a few days before the end of the official year, and this fault, which is in the neighbourhood of Mussendom, still exists in consequence of the cable ship *Patrick Stewart* being under alterations in Bombay and not available for work. One

line, however, is, and has always been, in perfect order during interruptions on the alternative section, and no stoppage of traffic has occurred on the cables during the year. As a matter of fact, perfect communication between Karachi and Bushire has now been maintained continuously on the Persian Gulf Line for upwards of thirteen years.

7. As the Bushire-Jashk cable is now, in consequence of the extensive diversion carried out in February last, altogether removed from the island of Henjam, in the vicinity of which the ground has proved to be very unfavorable for a cable, it is to be hoped that interruptions on this circuit will be less frequent in future.

REPAIRS AND DIVERSIONS.

8. The twelve deep sea faults necessitated nine distinct repairing operations in the execution of which and carrying out the diversion of the Henjam cable the engineering staff made six journeys with the repairing vessel *Patrick Stewart*, traversing during the year over 9,000 miles and being absent from headquarters 82 days. The particulars of the various repairs are shown in Appendix B, to which the following details may be added with advantage :—

	Knots.
The average difference between the assumed and actual position of the faults was	·25
Average extent of cable disturbed during the year in repairing each fault	2·25
Average amount of cable expended from stock in the removal of each fault	2·40
Average amount, each repair, of old cable left on the ground unrecoverable	·45
Average amount, per fault, of good cable recovered fit for re-use at sea	·55
Average, per repair, of cable recovered useless for sea work and only fit for stripping for sake of core	1·25
Average quantity of good core in long pieces recovered, per fault	·30

Much of the cable recovered during the Henjam diversion had only been down a short time, and is consequently fit for re-use at sea.

9. The average amount of cable disturbed to repair each fault during 1879-80 was 1·79 knots; during 1880-81 the average was 2·25 knots, and this will probably increase with succeeding years, as the increasing age of the cable will render it advisable to make more extensive renewals than formerly at every repair.

HISTORY OF THE CABLES DURING 1880-81.

Fao-Bushire, 152·61 knots.

10. This section has given no trouble whatever, and its insulation remains unaltered.

BUSHIRE-JASHK (GUTTA-PERCHA CABLE).

504·19 knots.

11. This cable, at the time of the last annual Report, was divided at the island of Henjam, into two sections, designated the Bushire-Henjam and Henjam-Jashk cables; their lengths being respectively 362·1 and 142·71 knots. On the 11th December the island was abandoned as a telegraph station, and the cables joined direct a short distance from the beach, thus cutting off the station from telegraphic communication. During the month of February the course of the cable was diverted to the southward of the island in order to avoid the unfavorable ground in the immediate vicinity of the station, where frequent interruptions have occurred. About 8 miles of cable to the eastward of Henjam and 12 miles to the west were picked up during the diversion, and 18 miles expended from stock to relay the line by a more direct route to the southward of the island. As a good deal of the cable recovered will be fit for re-use after repair, the diversion may be considered as having been effected without any cost to Government. The station of Henjam was useless so far as any assistance to the working of the cables is concerned, while, looked at from an engineering point of view, the removal of the cable to better ground will be a decided benefit. One fault existed in this section at the commencement of the year, and one now remains unrepaired in consequence of the absence of the

repairing steamer, but eleven fresh defects occurred during the year 1880-81, six being to the east of Henjam and five to the west towards Bushire. Notwithstanding the numerous repairs, the insulation of this section, just previous to the development of the last fault, stood at 215 megohms per knot, being a little higher than the combined insulation of the two sections during the corresponding month for 1879-80.

BUSHIRE-JASHK (INDIA-RUBBER).

498·46 knots.

12. No repairs have been necessary in connection with this section. Its insulation, although usually equal to that of the gutta-percha sections, is variable in consequence of the existence of a very minute defect, too small to be localised or to interfere in any way with the working.

JASHK-GWADUR (GUTTA-PERCHA).

272·01 knots.

13. This section was interrupted for six days in consequence of a fault which occurred off Charbar. As the alternative circuit (the land line) was in good working order during this period, no stoppage to traffic occurred. The cable at this part of the line appeared in fair order excepting near the locality of the fault where the ground appeared uneven.

GWADUR-MANORA (GUTTA-PERCHA).

270·56 knots.

14. No repairs have been necessary in this section.

HARBOUR CABLES, Nos. 1, 2 AND 3.

15. But four faults have occurred during the year. Some repairs to the camp cables having become necessary under the Sind, Punjab and Delhi Railway near the Karachi Office, advantage was taken of the opportunity to lengthen the iron piping put down some years ago under the original line of rails. Since that time the width of the railway at this point has nearly doubled in consequence of the addition of sidings. To reach the cables it was necessary to open a trench under the rails ten or twelve feet deep. To avoid this tedious operation in future, the pipe has been lengthened and the two ends brought just beyond the limits of the railway. Lengths of core have been substituted for cable and fresh pieces can be inserted in a few hours, whenever necessary, by simply opening the ground at each end of the pipe, which at these points is within two feet of the surface.

16. The other work done in connection with these cables has been unimportant.

CABLE LAND LINES.

17. Communication between the cable houses and offices is now generally maintained through the land lines insulated with Johnstone and Phillips fluid insulators, and carefully protected with lightning guards. It is proposed also to erect short land lines over such sections of the Manora cables, where it is impossible to avoid the dry sand in which cable rarely lasts more than three or four years. These short highly insulated land lines have hitherto answered very well in connection with the line and give much less trouble than the under-ground cables laid in dry soil between the offices and cable houses. If eventually the land lines are found unsatisfactory in consequence of atmospheric disturbances, it will be advisable to substitute a system of leads conducted through pipes which can always be kept filled with water in the manner recommended by Mr. Latimer Clark.

18. A new form of cable house has been adopted on the West Bay at Gwadur; instead of being buried outside, the slack cable is coiled in a well to which the sea water has access immediately under the flooring, so that the ends can be cut at any time without any trouble.

19. Attention has been given to the improvement of the lightning guards and a new form of lightning guard clamp has been designed, less liable to damage in exposed positions than the present platinum spirals.

ELECTRICAL-WORKING TESTING.

20. No change has been made in the system of testing the lines. The positions of faults have been determined with accuracy, and the electrical condition of the cable compares on the whole satisfactorily with its insulation at the date of the last annual Report (Appendix C). The Brown Allan relay has been in continuous use on the main circuit throughout the year, and has given every satisfaction. It is to be regretted that more of these valuable instruments have not been available for work, as two are urgently required for the second cable between Bushire and Jashk.

21. The question of Duplex telegraphy for the Persian Gulf cables has again been carefully considered and fully reported on, but in consequence of the traffic being mostly in a continuous stream in one direction at the same time, it has been considered advisable for the present to devote our attention more particularly to increasing the speed of our ordinary direct working. A new system of translation, especially adapted to the requirements of the Brown Allan relay, has been designed to provide for the contingency of our being obliged to increase the working capacity of the line by the introduction of translation at Jashk; and as soon as additional relays are supplied, the carrying capacity of the line will be considerably increased.

EXPENDITURE OF CABLE AND CABLE IN STOCK.

22. The usual statement of cable in stock is given in Appendix D. Our shore end cable in hand has increased to 9 miles in consequence of the recoveries during the Henjam diversion. The reserve of main cable has decreased 22·19 knots, leaving only 30 8 miles of cable in stock. As nearly the whole of this has been either submerged or in the tanks at Manora for more than 17 years, it cannot be expected to be in very good condition. Re-serving it with Johnson and Phillips taping has strengthened it to a certain extent and enabled us to handle it with great facility, but it contains many joints, numerous splices, hundreds of petty repairs, and the sooner it is laid the better. The quantity of short pieces in hand has also decreased considerably, 4·38 knots of the best having been selected and carefully repaired to form a portion of the Henjam diversion, in the laying of which plenty of slack was allowed, and no strain whatever put upon the cable. The stock of good India-rubber cable remains the same, there having been no work in connection with this section, but some short pieces which tested bad, and of which the sheathing was in very indifferent condition, have been condemned and struck off charge.

23. During the repairs of the twelve faults, 28·64 knots of cable were laid, and as a set-off, 6·54 miles of the cable picked up was fit for re-use, showing a net expenditure on account of repairs during the year of 22·1 knots.

24. In carrying out the Henjam diversion the amount of fairly good main cable recovered about equalled that expended from stock, while the 4·38 knots of short pieces expended have been replaced by the much more valuable shore end cable now brought on charge as recovered during the diversion.

MANORA.

25. A very convenient cable factory has been erected during the year, and the cable machinery obtained from England for the purpose of re-serving the core of our present cable with new iron sheathing has been erected in readiness to commence the manufacture of new cable. This work will be taken in hand as soon as the examination, repair and taping of all the old cable on hand is completed. The taping machinery, which binds together and strengthens old cable by the application of a double serving of tarred tape, has been in

active work, upwards of 55 miles having been re-served during the year. The introduction of this machinery has proved of the greatest value; but for its assistance many miles of old cable would have been lost, as, in consequence of its increasing age, it becomes impossible to handle it without developing fresh defects at every weak place in the iron guards. The serving of tarred tape prevents this in a very great measure, and the cable passes over the paying out drum without injury. It must be remembered that, although wanting in the strength of new cable, our old stock, once safely laid on favorable ground with a fair allowance of slack, is practically as good as the best. Before passing through the taping machine, the cable is carefully cleaned and every defective place in the guards repaired. The taping therefore of the abovementioned 55 miles represents three or four months' work for the greater portion of the Manora establishment.

26. A small set of stone lascars' quarters, containing four rooms, has been built in substitution of the previous mat huts which required renewal, and a commodious black-smiths' shop has been erected in place of the old one pulled down to allow of the new factory being built.

27. The new landing place, outside the groyne fronting the telegraph compound, has been completed, and the embankment leading to it considerably strengthened. Advantage is being taken of the height of the new Bunder to deliver, through iron piping, the water required by the establishment, direct from the water boats into the tank shed and houses occupied by the European subordinates.

28. The telegraph works were inspected by His Excellency the Viceroy duing his visit to Karachi in November last, and subsequently by Sir James Fergusson, the Governor of Bombay; on the latter occasion the new cable machinery was in a sufficiently advanced state towards completion to allow of the various stages in cable-making being shown experimentally.

STEAM BARGE "ROSE."

29. This vessel has been extensively used during the year for the embarkation of troops at Karachi, under the superintendence of the Port Department, to which she has now been transferred on sale for the sum of Rs. 10,000. Her services have not been required by the Telegraph Department for some years past, and her transfer will result in a saving of the stores and labor required to keep her in thorough order.

GENERAL REMARKS.

30. In a brief statement (Appendix E) the number of faults is shown which have occurred during the past ten years in each section of the cable. The sudden increase in the interruptions on the Bushire-Jashk gutta-percha cable which is observable during the last two years, coupled with the absence of any signs of such deterioration in the other sections, points to the conclusion that the ground on which it rests is not so favorable for the life of a cable as at other parts of the line. It is extremely fortunate that the India-rubber cable, which throughout its course, is laid only a few miles distant from this section, has for a long time given no trouble whatever, although now submerged for more than eleven years. This should encourage us to hope that much of the ground on which the Bushire-Jashk percha cable is laid may be of an equally favorable character, and that, although breakages at various points will be comparatively frequent while the remaining bad places are developing themselves, there will, after a time, as soon as the weak points are brigded over by the insertion of good cable, be a freedom from further interruptions.

KARACHI,
20th May 1881.

H. C. MANCE,
Engineer and Electrician, Persian Gulf Telegraphs.

APPENDIX A.

Statement showing insulation of the Persian Gulf Cables during March 1881.

Sections.	Length. Knots.	Original insulation. Megohms.	Insulation, March 1880. Megohms.	Insulation, March 1881. Megohms.
Fao-Bushire	152·61	600	203	208
Bushire-Jashk gutta-percha	504·19	400	200	215
„ „ India-rubber	498·46	2,000	358	191
Jashk-Gwadur	272·01	400	159	160
Gwadur-Manora	270·56	275	203	217
Harbour cables, No. 1	5·77	24	3	11·7
„ „ No. 2	5·77	4	7	7·4
„ „ No. 3	5·77	75	22	18·1

KARACHI,
20th May 1881.

L. GABLER,
Acting Deputy Director,
Persian Gulf Telegraphs.

H. C. MANCE,
Engineer and Electrician.

APPENDIX B.

Statement showing the repairs and renewals on Persian Gulf Cables during the official year 1880-81.

Number of repairs.	Date of: Development of fault.	Date of: Completion of repairs.	Length of interruption: Days.	Length of interruption: Hours.	Section.	Locality of fault: Miles.	Locality of fault: From	Cause of fault.	Remarks.
1	March 25, 1880	April 11, 1880	11	3	Bushire-Jashk.	301·6	Bushire .	Break of conductor .	Insulation remained perfect. This fault occurred before commencement of official year.
2	June 30, „	July 13, „	13	7	„ .	139·9	Jashk .	Total break .	Two faults.
						140·7	„ .	„ „ .	
3	Aug. 3, „	Sept. 19, „			„ .	302·4	Bushire .	Break of conductor .	
4	Sept. 1, „	„ 16, „	49	21	„ .	35	Jashk .	„ „ .	The percha much stretched, but not broken. Insulation remained perfect.
5	„ 17, „	„ 22, „			„ .	52·8	Bushire .	„ „ .	
6	. . .	Dec. 11, „	69	5	„ .	...	Henjam .	Cut Henjam out of cable-house.	circuit and joined cables direct outside
7	Oct. 4, „	„ 13, „			„ .	287·7	Bushire .	Total break .	Two faults.
						290·1	„ .	„ „ .	
8	Jan. 24, 1881	Feb. 15, 1881			„ .	300	„ .	Break of conductor .	Insulation remained perfect.
9	Feb. 13, „	„ 17, „	27	3	„ .	...	Henjam .	Diversion of cable to	southward of island for 18 miles.
10	„ 11, „	„ 20, „			„ .	101	Jashk .	Break of conductor .	Two faults.
						96	„ .	„ „ .	
11	March 9, „	March 15, „	6	19	Jashk-Gwadur.	104·6	Gwadur .	Total break .	Uneven ground.
	„ 26, „	. . .	5	...	Bushire-Jashk.	103	Jashk .	„ „ .	This fault will not be repaired for present, as vessel is in dock for repairs and alterations.

Total Repairs during 1880-81, 9. Diversions 2. Faults occurred during year 12.

KARACHI,
20th May 1881.

L. GABLER,
Acting Deputy Director,
Persian Gulf Telegraphs.

H. C. MANCE,
Engineer and Electrician.

APPENDIX C.

Statement showing the repairs and renewals of Harbour cables during the official year 1880-81.

Number of repairs.	Date of		Number of cable.	Locality of fault.	Cause of fault.	Remarks.
	Development of fault.	Completion of repairs.				
	1880.	1880.		Between—		
1	June, 28th . .	July, 2nd . .	1 . .	Boxes 8 and 9 .	Buglas anchor .	Total break in creek near Baba Island.
2	. . . .	August, 24th .	1, 2 and 3 . .	„ 1 and 2 .	Percha perished .	Iron piping extended under whole width of Railway and core substituted for cable.
3	August, 20th .	October, 14th .	3 . .	„ 3 and 4 .	„ „ .	In box three.
		1881.				
4	. . . .	January, 10th .	1 and 2 . .	Manora and Box 10.	Perished . .	A piece of core inserted in each cable. Fault in No. 1 was about 160 fathoms from Box 10. No. 2 cable (which appears to be bad throughout from Manora to Box 10) is India-rubber. This latter was put down as an experiment. The material does not answer in dry sand.

KURRACHI,
The 20th May 1881.

L. GABLER,
Acting Deputy Director,
Persian Gulf Telegraphs.

H. C. MANCE,
Engineer and Electrician.

APPENDIX D.

Statement of expenditure and cable on hand at the beginning and end of the year 1880-81.

Description.	Balance, 31st March 1880.	Picked up at sea during last year.	Expended.	Balance on hand, 31st March 1881.	Remarks.
Gutta-percha.					
Shore end	4·89	4·11	...	9	5·75 knots of shore end and 36·31 knots of deep sea cable were picked up during diversion and repairs. Of this cable, 4·11 knots shore end and 20·54 knots deep sea cable are fit for re-use as main cable. The remaining 1·64 knots of shore end and 15·774 knots of deep sea cable were only fit for stripping.
Main cable	52·99	20·54	42·73	30·80	
Short pieces	6·52	...	4·38	2·14	
	64·40				
India-rubber.					
Shore end	4·41	...	...	4·41	Of the 47·11 knots of gutta-percha main cable expended during the year— 28·64 knots were laid during repairs of 12 faults. 0·03 „ sold to the Indian Department. 18·17 „ laid during the Henjam diversion. 0·25 „ expended in splices.
Main cable	10·26	...	...	10·26	
Short pieces	2·64	...	2·54	·1	
	17·31				
Gutta-percha core (good); estimated length in fathoms.	20,000				

KARACHI,
The 20th May 1881.

L. GABLER,
Acting Deputy Director,
Persian Gulf Telegraphs.

H. C. MANCE,
Engineer and Electrician.

APPENDIX E.

A Return shewing the number of faults which have occurred on all sections of the Persian Gulf cables since the laying of the duplicate cable, and showing the causes to which they were due.

Years.	Sections. Fao-Bushire. No. of faults. Due to Accident.	Decay.	Manufacture.	Total.	Bushire-Jask G. P. No. of faults. Due to Accident.	Decay.	Manufacture.	Total.	Bushire-Jask I. R. No. of faults. Due to Accident.	Decay.	Manufacture.	Total.	Jask-Gwadar. No. of faults. Due to Accident.	Decay.	Manufacture.	Total.	Gwadar-Manora. No. of faults. Due to Accident.	Decay.	Manufacture.	Total.	All. No. of faults. Due to Accident.	Decay.	Manufacture.	Grand Total.	Remarks.
1869-70	1	...	...	1	...	...	...	...	...	...	...	...	1	1	1	3	...	...	...	...	2	1	1	4	
1870-71	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	
1871-72	...	...	...	...	1	...	1	2	...	...	5	5	...	...	...	...	...	...	...	...	1	...	6	7	
1872-73	...	...	...	...	...	1	1	2	...	...	...	...	...	...	...	...	...	1	...	1	...	2	1	3	
1873-74	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	1	...	...	1	1	1	...	2	
1874-75	...	...	...	...	1	...	1	2	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	2	
1875-76	...	...	...	...	...	...	1	1	1	...	...	1	...	...	...	...	...	...	...	...	1	...	1	2	
1876-77	...	...	...	...	...	1	...	1	...	...	1	1	...	...	...	...	1	1	...	2	1	2	1	4	
1877-78	1	1	...	2	...	3	...	3	...	...	...	...	...	2	...	2	...	...	...	...	1	6	...	7	
1878-79	...	...	1	1	...	2	...	2	...	...	...	...	...	1	...	1	...	...	...	...	...	3	1	4	
1879-80	...	...	...	...	2	9	...	11	...	...	...	...	...	...	...	...	...	...	...	...	2	9	...	11	
1880-81	...	...	...	...	...	11	...	11	...	...	...	...	...	1	...	1	...	...	...	...	...	12	...	12	
Total	2	1	1	4	4	28	5	37	1	...	6	7	1	5	1	7	2	2	...	4	10	36	13	59	

Karachi,
20th May 1881.

L. GABLER,
Acting Deputy Director,
Persian Gulf Telegraphs.

H. C. MANCE,
Engineer and Electrician.

APPENDIX F.

INDO-EUROPEAN TELEGRAPH DEPARTMENT.

PERSIAN GULF SECTION.

Return of Interruptions which occurred on the Land Line, Persian Gulf Telegraph, during the official year 1880-81.

No.	From		To		Duration.	Cause.	Remarks.
	Date.	Time.	Date.	Time.	D. H. M.		
						Karachi-Ormara Section.	
1	Nov. 30	8-50 A.M.	Dec. 1	12-40 P.M.	1 3 50	Landslip at Malan, both wires interrupted	This locality has been eliminated by the diversion of line *viâ* Buzi.
2	Dec. 22	12-10 P.M.	„ 23	3-40 „	1 3 30	Do. do.	
3	Mar. 2	1-30 A.M.	Mar. 2	12-35 „	0 11 5	Do. do.	
						Ormara-Gwadur Section.	
4	June 28	8-00 P.M.	June 29	1-19 P.M.	0 17 19	Both wires to earth, 26 miles from Ormara, forty posts east of Jaffree river. One standard blown down by high wind, strain of wires breaking one top-pole, both wires lying on damp salt ground, but neither broken.	Cause reported by Jemadar on return from repair duty.
5	Sept. 16	6-49 „	Sept. 18	8-20 A.M.	1 13 31	Top-pole broken at Moperty.	
						Charbar Jask Section.	
6	Feb. 22	5-55 A.M.	Feb. 24	5-50 A.M.	1 23 55	Both wires broken during heavy thunder-storm, about 69 miles from Charbar.	
					7 1 10	= 169 hours 10 minutes.	

L. GABLER,
Acting Deputy Director,
Persian Gulf Telegraphs.

APPENDIX G.

INDO-EUROPEAN TELEGRAPH DEPARTMENT

Statement of the value of stores received and issued during the year 1880-81.

RECEIPTS.		1880-81. Rs.	A.	P.	ISSUES.		1880-81. Rs.	A.	P.
Purchases in India	(a)	8,995	15	6	Repairs to cables	(e)	68,253	15	0
London stores	(b)	23,164	2	0	„ to lines	(f)	14,288	12	0
Freight payable in England		1,580	4	0	Heavy renewals		1,820	12	2
„ „ in India		787	3	4	Repairs to machinery		136	7	2
Military Department	(c)	9,719	1	6	„ to buildings		75	10	9
Indian Telegraph Department	(d)	1,030	1	6	Capital cable machinery		810	13	4
Civil Department		382	7	4	„ „ workshop		48	14	10
Public Works Department		9	12	0	Directors	(g)	442	9	7
Manufacture		1,287	14	6	Traffic Manager	(h)	669	0	3
Store Branch Contingencies		16	3	7	Signalling	(i)	7,260	1	11
Telegraph Stations		111	1	9	Line Conservancy	(j)	466	11	4
					Cable „	(k)	1,881	13	11
					Manufacture		6,685	8	1
					Fine Fund Furniture		166	6	0
					„ Recreation		89	6	2
					Store Branch Contingencies	(l)	1,853	1	8
					Sales		412	8	10
					Civil Department		8	1	3
					Military „		5,308	3	9
					Indian Telegraph		68	0	9
					Persian Telegraph Section		875	7	10
		47,034	3	0			1,11,652	6	7

KARACHI,
27th March 1881.

L GABLER,
Acting Deputy Director,
Persian Gulf Telegraphs.

J. P HAWKINS,
Acting Storekeeper,
Persian Gulf Telegraphs.

RECEIPTS.

PURCHASES.

Rs. 8,995-15-6.

	Rs.	A.	P.
Timber	1,720	0	0
Printing	1,015	0	0
Stationery, including printing paper	700	0	0
Paint, varnish, oil, linseed } Salamoniac solder	510	0	0
Tents and suleetas	705	0	0
Tar and charcoal	193	0	0
Iron mongery	508	0	0
Puckals, dholes, hides and belts	158	0	0
Matting and carpets	86	0	0
Instruments and clocks	239	0	0
Powder, dynamite and fuzes	250	0	0
Flannel, dungaree and drill cloth	155	0	0
Medicine	58	0	0
Lamps, lanterns and chimneys	291	0	0
Insulators and extractors	197	0	0
Glass panes and diamond glazers	58	0	0
Rope, brushes and brooms	210	0	0
Buckets, kegs and iron pans	98	0	0
Badges and belts	102	0	0
Wood naptha	120	0	0
Oil, cocoanut } Oil, kerosine	500	0	0
Portland cement	309	0	0
India-rubber, vulcanized	100	0	0
Book-binding	40	0	0
Miscellaneous	673	15	6
a	8,995	15	6

LONDON STORES.

Rs. 23,164-2-0.

	Rs.	A.	P.
Insulators and insulating fluid	1,996	10	8
Fitch compound	2,865	11	1
and tape serving	1,613	8	0
Sulphate copper	115	0	0
Leclanches cells	325	0	0
Instruments	600	0	0
Gutta-percha	175	0	0
Ozokerit telegraph core	217	0	0
Lathe	785	0	0
Wire galvanized	4,579	10	0
Yarn, hemp	1,035	0	0
Wire lapping	612	0	0
Ditto	3,602	0	0
Yarn, hemp	766	0	0
Joints and I. R. core	2,699	0	0
Tape paper for instruments	522	0	0
Glass battery	406	0	0
Miscellaneous	249	10	0
b	23,164	2	0

MILITARY DEPARTMENT.

Rs. 9,719-1-6.

	Rs.	A.	P.
Medicine charges	684	0	0
Freight boat hire	138	0	0
Landing charges	12	6	6
Coal	471	14	4
Provisions	4,668	8	3
Bellows	65	0	0
Rubber	30	0	0
Spanners	88	0	0
Staves spars	100	0	0
Taps and dies	36	0	0
Bunting and canvas	50	0	0
Cotton waste	372	0	0
and tallow, &c.	1,240	0	0
Rope	1,137	0	0
Wicks	40	0	0
Miscellaneous	586	4	5
c	9,719	1	6

INDIAN TELEGRAPH DEPARTMENT.

Rs. 1,030-1-6.

	Rs.	A.	P.
Wire	260	0	0
Brass screws	500	0	0
Tubes	150	0	0
Brackets, discs and sockets	120	1	6
d	1,030	1	6

KARACHI,
27th May 1881.

J. P. HAWKINS,
Acting Store-keeper,
Persian Gulf Telegraphs.

ISSUES.

Repairs to Cable.
Rs. 68,253-15-0.

	Rs.	A.	P.
Cable	54,001	0	0
Wire	5,519	0	0
Tape serving	3 935	0	0
Pitch compound	1,037	0	0
Yarn, hemp	2,011	0	0
Rope	453	4	0
Brass and lead	347	6	0
I. R. & G. P. sheets	271	0	0
Charcoal	148	0	0
Oil and tallow	136	0	0
Instruments	110	0	0
Joints	84	0	0
Lime and chunam	80	0	0
Wood naptha	40	0	0
Insulators	20	0	0
Miscellaneous	61	5	0
e	68,253	15	0

Repairs to Lines.
Rs. 14,288-12-0.

	Rs.	A.	P.
Wire	6,156	0	0
Insulators	2,960	0	0
Standards	1,963	0	0
Sockets and discs	1,620	0	0
Tops, wooden	650	0	0
Dynamite and fuze	204	0	0
Rope	189	0	0
Solder	111	0	0
Fluid, insulating	105	0	0
Brackets and backs	90	0	0
Tools	85	0	0
Ladders	55	0	0
Coal tar and pitch	50	0	0
Oil	30	0	0
Miscellaneous	20	12	0
f	14,288	12	0

Director.
Rs. 442-9-7.

	Rs.	A.	P.
Forms and books	164	7	8
Stationery	112	10	7
Instruments	73	0	0
Office furniture	52	0	0
Baize, green	35	0	0
Miscellaneous	5	7	4
g	442	9	7

Traffic Manager.
Rs. 699-0-3.

	Rs.	A.	P
Stationery	296	0	0
Forms and books	245	0	0
Baize, green	30	0	0
Weights, door and hinges	15	0	0
Miscellaneous	113	0	3
h	699	0	3

Signalling.
Rs. 7,260-1-11.

	Rs.	A.	P.
Instruments and clocks	1,356	0	0
Forms and books	1,118	0	0
Stationery	776	10	11
Oil, paint and turpentine	475	1	8
Paper, tape and ink, recording	452	0	0
Tools	342	0	0
Filters with stands	303	0	0
Jars, battery and leclanche cells	192	0	0
Wire and connections	177	0	0
Tubs	140	0	0
Doors in frames	150	0	0
Matting and mats	116	0	0
Floor cloth	115	0	0
Coal	113	0	0
Ladders	105	0	0
Wheelbarrows	88	0	0
Gunpowder	80	0	0
Lamps, chimneys and wicks	75	0	0
Copper and zinc battery	73	0	0
Baize and dungaree	73	0	0
Sulphate of copper	68	0	0
Rope	47	0	0
Packing cases	91	0	0
Disinfecting powder	31	5	0
Timber	30	0	0
Blue lights	20	0	0
Glazier's diamond	20	0	0
Salamoniac and saltpetre	35	0	0
Buckets	15	0	0
Chicks	13	0	0
Miscellaneous	570	0	4
i	7,260	1	11

Line Conservancy.
Rs. 466-11-4.

	Rs.	A.	P.
Tents and tent pegs	308	0	0
Tools	56	0	0
Medicines	43	0	0
Badges for peons	40	0	0
Water kegs	14	0	0
Miscellaneous	5	11	4
j	466	11	4

Cable Conservancy.
Rs. 1,881-13-11.

	Rs.	A.	P.
Rope	830	0	0
Oil, turpentine and paint	270	0	0
Bamboos and timber	297	0	0
Acid and wood naptha	106	0	0
Instruments	96	0	0
Tools	89	0	0
Stationery	87	0	0
Matting	57	0	0
Cotton waste	20	0	0
Miscellaneous	29	13	11
k	1,881	13	11

Store Branch Contingencies.
Rs. 1,853-1-8.

	Rs.	A.	P.
Difference between Ledger value of articles sold by auction, and amount realized by sale	1,454	6	11
Instruments	71	12	0
Oil, paint and turpentine	68	0	0
Forms and books	53	0	0
Stationery	50	0	0
Hooping iron and nails	45	0	0
Rope	28	0	0
Pitch and tar	21	0	0
Acid, nitric	20	0	0
Timber	15	5	0
Medicines	10	0	0
Padlocks	8	0	0
Miscellaneous	8	9	9
l	1,853	1	8

KARACHI,
27th May 1881.

J. P. HAWKINS,
Acting Storekeeper,
Persian Gulf Telegraphs.

H

APPENDIX H.

INDO-EUROPEAN TELEGRAPH DEPARTMENT.

Persian Gulf Section.

Statement A—Showing the number of Messages and Words and the net Receipts of the Persian Gulf Section during the year 1880-81 from traffic received from the Indian, Persian and Turkish Telegraph lines, and from stations of the Section.

From	India.			Persia.			Turkey.			Stations of the Persian Gulf Section.			Gross Total.		
Month 1880-81.	Number of messages.	Number of words.	Net receipts to Persian Gulf Section.	Number of messages.	Number of words.	Net receipts to Persian Gulf Section.	Number of messages.	Number of words.	Net receipts to Persian Gulf Section.	Number of messages.	Number of words.	Net receipts to Persian Gulf Section.	Number of messages.	Number of words.	Net receipts to Persian Gulf Section.
			Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A P.
April	2,033	46,638	32,994 4 0	1,546	26,813	20,926 0 0	428	5,516	4,009 7 0	213	2,578	1,100 10 0	4,220	81,545	59,030 5 0
May	1,809	42,829	26,915 1 0	1,535	25,800	20,100 3 0	265	3,448	2,566 11 0	252	3,362	1,408 12 0	3,861	75,439	50,99[illegible] 11 0
June	1,673	38,940	25,644 10 0	1,434	26,253	20,500 1 0	129	2,030	1,093 0 0	222	2,640	917 13 0	3,458	69,863	48,155 8 0
July	1,850	40,848	28,742 10 0	1,599	25,813	19,752 10 0	209	2,599	2,156 10 0	189	2,680	765 0 0	3,847	71,340	51,416 14 0
August	1,823	51,392	33,944 1 0	1,452	22,504	16,974 0 0	197	2,236	1,879 0 0	184	1,953	713 8 0	3,656	78,085	53,510 9 0
September	1,868	47,225	32,790 5 0	1,569	25,555	19,731 14 0	254	3,036	2,258 2 0	318	4,754	1,668 0 0	4,009	80,570	56,448 5 0
October	1,688	36,839	24,268 8 0	1 719	31,064	23,679 15 0	300	3,736	2,593 15 0	401	5,049	1,470 5 0	4,108	76,688	52,012 11 0
November	2,070	37,780	27,681 4 0	1,869	30,880	23,620 7 0	213	2,270	1,951 0 0	307	4,062	1,047 4 0	4,459	74,992	54,299 15 0
December	1,743	36,568	24,413 9 0	1,904	29,828	21,876 10 0	197	1,932	1,601 3 0	317	4,287	1,138 14 0	4,161	72,615	49,030 4 0
January	2,011	33,922	27,116 10 0	2,105	45,233	29,162 4 0	290	3,380	3,099 11 0	265	3,111	817 10 0	4,671	85,646	60,196 3 0
February	2,188	32,513	27,874 0 0	2,318	41,754	26,835 10 0	265	2,959	2,552 0 0	252	2,903	990 14 0	5,023	80,129	58,252 8 0
March	2,174	31,203	27,486 0 0	1,853	39,251	23,584 14 0	241	2,986	2,525 4 0	318	3,940	1,140 5 0	4,586	77,380	54,736 7 0
Total for the year	22,930	4,76,697	3,39,870 14 0	20,903	3,70,748	2,66,744 8 0	2,988	36,128	28,285 15 0	3,238	40,719	13,178 15 0	50,059	9,24,292	6,48,080 4 0
Average per mensem	1,911	39,724	28,322 9 0	1,742	30,895	22,228 11 0	249	3,010	2,357 3 0	270	3,393	1,098 4 0	4,172	77,024	54,006 11 0

Karachi,
19th May 1881.

L. GABLER,
Acting Deputy Director,
Persian Gulf Telegraphs.

A. HERBAGE,
Traffic Manager,
Persian Gulf Telegraphs.

APPENDIX I.

INDO-EUROPEAN TELEGRAPH DEPARTMENT.

Persian Gulf Section.

Statement B—Showing the number of messages and words and the percentage of messages, exclusive of the local traffic of the section, received from, and forwarded to, the Teheran and Turkish lines during the year 1880-81, compared with the previous year.

Month.	1880-81												1879-80											
	Viâ Tehran.						*Viâ* Turkey.						*Viâ* Teheran						*Viâ* Turkey.					
	From		To.		Total.		From.		To.		Total.		From.		To.		Total.		From.		To.		Total.	
	Messages	Words.	Messages	Words	Messages.	Words.	Messages.	Words.	Messages.	Words.	Messages.	Words.	Messages.	Words.	Messages.	Words.	Messages.	Words.	Messages.	Words.	Messages.	Words.	Messages.	Words.
April	1,546	26,813	1,786	44,234	3,332	71,047	428	5,516	258	3,541	686	9,057	1,149	19,258	1,477	36,012	2 626	55,270	200	2,907	181	2,411	381	5,318
May	1,535	25,800	1,670	41,501	3,205	67,301	265	3 448	125	1,589	390	5,037	1,226	20,287	1,208	33,893	2,434	54,180	163	2,561	183	2,058	346	4,619
June	1,434	26,253	1,554	38,060	2,988	64,313	129	2,030	125	1,748	254	3,778	1,134	18,555	1,106	34,521	2,240	53,076	183	3,551	165	2,685	348	6,236
July	1,599	25,813	1,673	37,624	3,272	63,437	209	2,599	170	2,887	379	5 486	1,177	32,814	1,180	33,940	2,357	66,754	184	3,943	187	2,778	371	6,721
August	1,452	22,504	1,655	46,436	3,107	68,940	197	2,236	135	2,973	332	5,209	1,192	21,389	1,190	30,864	2,382	52,253	228	3,607	220	2,698	448	6,305
September	1,569	25,555	1,702	42,943	3,271	68,498	254	3,036	166	3,087	420	6,123	1,359	23,971	1,307	40,959	2,666	64,930	223	3,485	221	3,881	444	7,366
October	1,719	31,064	1,455	34,553	3,204	65 617	300	3,736	225	2,977	525	6,713	1,823	32,974	1,440	50,878	3,263	83,852	310	5,453	367	6,042	677	11 495
November	1,869	30,880	1,881	35,762	3,750	66,642	213	2,270	158	1,899	371	4,169	1,415	27,286	1,288	41,057	2,703	68,343	281	4,328	274	3,898	555	8,226
December	1,904	29,828	1,612	35,079	3,516	64,907	197	1,932	91	1,016	288	2,948	1,119	21,586	1,108	41,182	2,227	62,768	224	3,683	262	5,039	486	8,722
January	2,105	45,233	1,801	31,500	3,906	76,733	290	3,380	161	1,749	451	5,129	1,806	35,802	1,680	46,375	3,486	82,177	297	4,223	190	2,574	487	6.797
February	2,318	41,754	2,042	31,086	4,360	72,840	265	2,959	140	1,388	405	4,347	2,333	39,642	1,887	47,605	4,220	87,247	290	4,226	221	3,071	511	7,297
March	1,853	39,251	2,002	28,812	3,855	68,063	241	2,986	154	1,909	395	4,895	1,667	28,405	2,064	47,964	3,731	76,369	326	4,603	219	2,758	545	7,361
Total for the year	20,903	370,748	20,863	447,590	41,766	818,338	2,988	36,128	1,908	26,763	4,896	62,891	17,400	321,969	16,935	485,250	34,335	807,219	2,909	46,570	2,690	39,893	5,599	86 463
Percentage of messages *viâ* Teheran	..	..	...	.	89 51	...	...	...	...	...	...	...	..	...	...	..	85·73	...	...	...	...	...	...	...
Percentage of messages *viâ* Turkey	...	...	...	...	...	...	.	...	...	...	10·49	...	...	.	...	...	...	..	..	...	...	...	14·27	..

Karachi,
19th May, 1881.

L. GABLER,
Acting Deputy Director,
Persian Gulf Telegraphs.

A. HERBAGE,
Traffic Manager,
Persian Gulf Telegraphs.

APPENDIX J.

INDO-EUROPEAN TELEGRAPH DEPARTMENT.

PERSIAN GULF SECTION.

Statement C—Showing the maximum, minimum and mean rate of transmission of messages from the United Kingdom to Karachi during the year 1880-81, compared with that of the previous year.

Month.	1880-81. United Kingdom to Karachi. Viâ Teheran. Max. H.	Max. M.	Min. H.	Min. M.	Mean. H.	Mean. M.	Viâ Turkey. Max. H.	Max. M.	Min. H.	Min. M.	Mean. H.	Mean. M.	Remarks.	1879-80. United Kingdom to Karachi. Viâ Teheran. Max. H.	Max. M.	Min. H.	Min. M.	Mean. H.	Mean. M.	Viâ Turkey. Max. H.	Max. M.	Min. H.	Min. M.	Mean. H.	Mean. M.	Remarks.
April	4	28	0	4	0	39	159	50	7	1	75	20	Interruptions, Turkish route; Service totally suspended for 4 days. Henjam and Bushire cable interrupted to the 11th.	4	23	0	3	0	26	67	59	5	21	16	11	Interruptions on both routes during the month.
May	1	59	0	4	0	27	220	1	23	14	106	42	Prolonged interruptions Turkish route.	2	58	0	3	0	25	38	56	4	56	17	32	Ditto ditto and on one Gulf Section.
June	3	45	0	3	0	33	188	24	24	32	119	0	Interruptions not reported.	2	58	0	3	0	25	38	56	4	18	17	43	Ditto Turkish route only.
July	3	5	0	6	0	37	119	29	4	20	39	14	Interruptions Turkish route. Henjam and Jashk cable interrupted 13 days.	3	50	0	5	0	30	19	34	5	35	14	45	Ditto Teheran route only.
August	2	8	0	6	0	35	119	45	11	55	37	12	Interruptions viâ Turkey, slight viâ Teheran, Henjam-Bushire cable interrupted 28 days.	3	47	0	3	0	29	39	52	7	6	19	37	Ditto Turkish route only.
September	3	8	0	4	0	34	121	20	10	0	49	44	Interruptions viâ Turkey. Jashk-Henjam cable interrupted 22 days.	1	48	0	4	0	29	110	49	9	18	27	11	Serious interruptions Turkish route.
October	4	14	0	6	0	41	138	18	10	0	55	24	Interruptions viâ Turkey. Slight viâ Teheran. Henjam-Bushire cable interrupted 27 days.	5	42	0	3	0	42	44	43	11	18	25	7	One Gulf Section faulty.
November	8	0	0	5	0	37	95	56	12	11	37	21	Henjam-Bushire cable interrupted during the month.	6	19	0	5	0	41	74	8	12	47	27	21	Ditto and interruptions both routes.
December	21	0	0	6	0	47	428	19	22	12	169	4	Frequent interruptions viâ Turkey and Teheran. Bushire cable interrupted to 13th.	4	5	0	4	0	45	58	36	9	2	23	53	Serious interruptions Teheran route.
January	6	36	0	4	0	44	231	0	20	51	66	27	Interruptions viâ Turkey and Teheran. Jashk-Henjam cable interrupted 7 days.	4	38	0	5	0	44	255	3	9	10	64	11	Ditto Turkish route. One Gulf section interrupted.
February	5	26	0	4	0	59	137	14	19	3	56	17	Frequent interruptions viâ Turkey and Teheran. Henjam-Bushire cable interrupted to 20th	8	17	0	4	1	45	40	30	11	30	21	18	One Gulf Section interrupted and pressure of traffic from the Teheran route.
March	2	38	0	4	0	30	97	55	11	35	29	38	Interruptions viâ Teheran. Gwadur-Jashk cable interrupted 8th to 15th, Jashk-Bushire 26th to end of month.	3	0	0	4	0	34	131	58	4	58	45	47	One cable section failed, and interruption Turkish route.
Average monthly rate of transit during the year	5	32	0	5	0	39	171	28	14	45	70	7		4	19	0	4	0	39	76	45	7	11	26	43	

KARACHI,
19th May 1881.

L. GABLER,
Acting Deputy Director,
Persian Gulf Telegraphs.

A. HERBAGE,
Traffic Manager,
Persian Gulf Telegraphs.

APPENDIX K.

INDO-EUROPEAN TELEGRAPH DEPARTMENT.

PERSIAN GULF SECTION.

Statement D—Showing the comparative speed of transmission of messages from the United Kingdom to Calcutta by the Indo-European route viâ *Teheran and Indian lines* viâ *Karachi, and the Eastern Telegraph Company's line* viâ *Suez, and the Indian lines* viâ *Bombay, as recorded in the* Government Telegraph Gazette *during the years 1879-80 and 1880-81.*

Month.	1880-81.												1879-80.											
	Indo-European route *via* Teheran and Karachi.						Eastern Telegraph Company's line *via* Suez and Bombay.						Indo-European route *via* Teheran and Karachi.						Eastern Telegraph Company's line *via* Suez and Bombay.					
	Average monthly speed.		Shortest time during the month.		Longest time during the month.		Average monthly speed.		Shortest time during the month.		Longest time during the month.		Average monthly speed.		Shortest time during the month.		Longest time during the month.		Average monthly speed.		Shortest time during the month		Longest time during the month.	
	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.
April	1	1	0	38	3	31	2	14	1	21	4	33	0	43	0	19	1	34	1	25	0	40	1	59
May	1	3	0	34	2	26	2	11	1	43	3	0	0	52	0	32	1	57	1	50	0	55	6	10
June	1	43	0	55	3	37	2	15	0	59	3	23	1	3	0	30	2	13	1	29	0	47	2	22
July	1	38	0	43	2	43	2	11	0	32	2	59	1	12	0	38	2	19	1	20	0	52	1	48
August	1	42	0	32	5	39	2	12	0	32	3	48	1	16	0	30	2	15	1	40	0	56	3	20
September	1	29	0	34	4	29	2	12	1	19	3	5	1	10	0	44	2	23	1	58	0	47	3	11
October	1	20	0	29	2	48	2	18	0	39	4	27	1	14	0	18	2	21	2	7	0	49	3	36
November	0	58	0	35	1	56	2	10	0	53	2	52	1	6	0	16	1	50	2	15	1	16	4	25
December	1	9	0	28	2	50	2	37	1	25	5	43	1	19	0	26	3	3	3	9	0	36	7	3
January	1	13	0	23	4	14	2	20	1	1	3	48	1	36	0	44	4	1	2	41	1	22	3	37
February	1	21	0	49	2	55	3	11	1	54	4	44	2	2	0	59	5	53	2	50	0	55	6	45
March	1	0	0	34	2	34	2	43	1	49	4	53	1	8	0	15	2	18	2	11	0	47	3	26
Monthly average during the year	1	18	0	36	3	18	2	22	1	10	3	56	1	3	0	31	2	40	2	5	0	53	3	58

KARACHI,
19th May 1881.

L. GABLER,
Acting Deputy Director,
Persian Gulf Telegraphs.

A. HERBAGE,
Traffic Manager,
Persian Gulf Telegraphs.

APPENDIX L.

INDO-EUROPEAN TELEGRAPH DEPARTMENT.

PERSIAN GULF SECTION.

Statement E—Showing the maximum, minimun and mean rate of transmission of messages over the Persian Gulf Section from Fao and Bushire to Karachi during the year 1880-81, compared with that of the previous year.

Month.	1880-81. Karachi from Fao. Max.		Min.		Mean.		Bushire. Max.		Min		Mean.		Remarks.	1879-80. Karachi from Fao. Max.		Min.		Mean.		Bushire. Max.		Min.		Mean.		Remarks.
	H.	M	H.	M.	H.	M.	H.	M.	H	M.	H.	M.		H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H	M.	
April	1	43	0	3	0	18	4	22	0	1	0	14	Working one Gulf Section 11 days. Henjam-Bushire cable interrupted.	1	23	0	4	0	11	1	55	0	1	0	7	
May	1	22	0	5	0	13	1	21	0	1	0	10	... ...	0	32	0	2	0	11	2	11	0	1	0	8	Bushire-Henjam Section faulty 4th to 15th May
June	0	40	0	3	0	11	1	48	0	1	0	11	... ...	1	50	0	4	0	14	2	56	0	1	0	11	Jashk-Bushire Section faulty, 9th June to 7th October.
July	1	6	0	3	0	13	1	7	0	1	0	11	Ditto ditto 13 days. Henjam-Jashk cable interrupted.	1	39	0	2	0	18	1	3	0	1	0	15	Ditto ditto.
August	1	25	0	3	0	14	2	2	0	1	0	13	Ditto ditto 28 days. Henjam-Bushire cable interrupted.	1	11	0	3	0	11	1	13	0	1	0	8	Ditto ditto.
September	0	54	0	3	0	12	2	52	0	1	0	12	Ditto ditto 22 days. Jashk-Henjam cable interrupted.	1	54	0	4	0	14	1	14	0	1	0	11	Ditto ditto.
October	3	13	0	3	0	25	2	40	0	1	0	18	Ditto ditto 27 days. Henjam-Bushire cable interrupted.	1	37	0	3	0	14	5	36	0	1	0	10	Ditto ditto.
November	2	6	0	2	0	19	2	30	0	1	0	14	Working one section throughout the month.	2	10	0	5	0	18	1	55	0	1	0	12	Bushire-Henjam 11th to 19th and from 25th to end of month.
December	0	38	0	3	0	14	2	9	0	1	0	13	Ditto ditto 13 days Henjam-Bushire cable interrupted.	1	23	0	3	0	16	1	44	0	1	0	11	Ditto Section interrupted until the 9th instant.
January	1	5	0	2	0	12	2	32	0	1	0	12	Ditto ditto 7 days. Jashk-Henjam cable interrupted.	2	4	0	2	0	22	5	30	0	1	0	15	Ditto Section interrupted, 21st to end of month
February	0	50	0	3	0	14	3	37	0	1	0	23	Ditto ditto 20 days. Henjam-Bushire cable interrupted.	2	40	0	2	0	19	4	6	0	1	0	43	Ditto and Jashk Section interrupted until the 8th instant, and from 13th to the end of the month.
March	1	1	0	2	0	12	1	56	0	1	0	10	Ditto ditto 12 days. Gwadur-Jashk cable and Jashk-Bushire cable interrupted.	2	38	0	2	0	13	5	13	0	1	0	11	Ditto Section interrupted until the 3rd, and from the 25th to the end of the month.
Average monthly rate of transit during the year	1	20	0	3	0	14	2	24	0	1	0	13		1	45	0	3	0	15	2	54	0	1	0	13	

KARACHI,
19th May 1881.

L. GABLER,
Acting Deputy Director,
Persian Gulf Telegraphs,

A. HERBAGE,
Traffic Manager,
Persian Gulf Telegraphs.

APPENDIX M.

INDO-EUROPEAN TELEGRAPH DEPARTMENT.

Persian Gulf Section.

Statement F—Showing the accuracy with which the traffic was conveyed over the lines of the section, and the percentage of errors of a serious and of a trivial nature committed in transmission during the year 1880, compared with that of the previous year.

Month.	1880.					Remarks.	1879.					Remarks.
	Percentage of words correctly transmitted.	Monthly percentage of			Total number of words transmitted.		Percentage of words correctly transmitted.	Monthly percentage of			Total number of words transmitted.	
		Errors of a serious nature.	Errors of a trivial nature.	All errors.				Errors of a serious nature.	Errors of a trivial nature.	All errors.		
January	99·615	·119	·266	·385	87,960		99·422	·454	·124	·578	59,249	
February	99·565	·189	·246	·435	93,192		99·482	·375	·143	·518	63,497	
March	99·574	·205	·221	·426	85,480		99·591	·234	·174	·409	66,425	
April	99·685	·108	·207	·315	81,545		99·700	·118	·182	·300	59,932	
May	99·732	·100	·168	·268	75,439		99·681	·069	·252	·319	58,243	
June	99·826	·065	·109	·174	69,863		99·642	·139	·219	·358	58,319	
July	99·707	·138	·155	·293	71,340		99·626	·070	·304	·374	70,933	
August	99·865	·039	·096	·135	78,085		99·754	·024	·222	·246	57,104	
September	99·776	·067	·157	·224	80,570		99·767	·023	·210	·233	68,535	
October	99·778	·095	·127	·222	76,688		99·688	·038	·274	·312	91,271	
November	99·709	·082	·209	·291	74,992		99·738	·028	·234	·262	73,086	
December	99·555	·163	·282	·445	72,615		99·703	·048	·249	·297	68,741	
Average monthly percentage during the year	99·699	·114	·187	·301	Total 947,769		99·649	·135	·216	·351	Total 795,335	

Karachi,
The 19th May 1881.

L. GABLER,
Acting Deputy Director,
Persian Gulf Telegraphs.

A. HERBAGE,
Traffic Manager,
Persian Gulf Telegraphs.

GOVERNMENT

DEPARTMENT OF FI

PRICES CURRENT OF FOOD-GRAINS THROUGHOU

QUANTITIES PER RUP

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Madras.	Ganjam	11 13	11 13	11 13	...	...	...	17 13	17 13	17 13	19 10	19 10	19 8	...	...	...	...	...	...
	Vizagapatam	...	12 0	15 0	...	...	...	9 0	9 0	14 10	11 5	11 5	16 5	23 3	23 3	25 14	23 13	21 13	29 1
	Godavery	12 10	12 10	11 11	...	...	...	15 13	14 13	...	16 0	19 0	20 0	30 11	29 13	...	...	...	...
	Kistna	16 3	16 3	14 11	...	...	...	18 5	19 6	17 5	19 0	20 2	18 8	18 11	...	30 11	...	...	...
	Nellore	12 10	12 10	13 8	...	...	...	15 13	15 13	13 14	...	...	15 8	38 6	38 6	...	...	...	...
	Cuddapah	16 3	14 11	13 10	...	...	...	12 0	12 0	11 8	13 11	13 11	12 14	30 13	30 0	30 0	31 14	34 15	29 0
	Anantapur	14 6	14 6	11 8	...	...	...	15 0	15 0	13 14	16 3	16 3	15 2	33 0	33 0	38 2	18 13	18 13	18 13
	Bellary	17 5	15 13	19 3	...	...	...	12 5	12 5	12 13	13 8	13 8	14 0	33 0	35 0	43 5	25 6	28 3	34 1
	Kurnool	14 10	14 10	12 11	...	...	...	11 6	11 6	11 0	11 6	11 6	11 6	32 3	32 14	35 10	30 0	30 0	33 1
	Madras	10 13	10 13	8 13	...	...	...	14 10	14 3	13 13	16 3	15 13	14 14	24 8	24 8	21 10	26 6	26 6	23
	Chingleput	...	...	...	...	...	...	16 8	16 8	13 2	17 0	17 0	13 10	...	...	...	...	...	...
	North Arcot	11 6	11 6	11 0	...	...	...	16 5	16 13	16 13	18 13	18 13	17 14	...	...	23 11	26 6	31 5	31
	South Arcot	9 6	9 6	9 0	...	...	...	16 8	16 8	14 13	18 13	18 13	16 10	33 10	...	23 8	29 5	29 5	27 1
	Tanjore	10 5	10 5	10 5	...	...	...	19 14	19 2	17 6	...	...	...	38 3	38 3	36 10	31 14	32 10	32 1
	Trichinopoly	9 14	9 3	11 3	...	...	...	16 10	16 3	16 3	17 6	16 11	16 11	...	...	...	30 8	30 8	25
	Madura	12 8	10 14	13 3	...	...	...	15 8	16 6	14 5	16 8	17 5	15 3	29 3	28 5	29 3	32 5	32 5	32
	Tinnevelly	9 3	9 3	8 14	...	...	...	15 14	15 14	13 8	16 13	16 13	14 0	...	...	...	...	...	...
	Coimbatore	14 13	14 13	14 13	...	...	...	14 13	15 5	15 5	15 13	16 5	15 13	26 2	26 2	28 11	35 0	35 0	35
	Nilgiris	10 10	9 14	9 14	...	...	...	9 10	9 10	11 3	12 0	12 0	12 6	20 0	20 0	18 8	21 0	19 10	16
	Salem	11 14	11 14	11 14	...	...	...	15 8	15 0	13 0	16 14	16 0	16 8	29 2	29 2	25 8	22 14	22 2	22
	South Canara	9 14	9 14	10 5	...	...	...	10 11	10 11	8 11	15 11	15 11	14 11	...	...	...	...	...	
	Malabar	9 6	9 6	10 13	...	...	...	15 13	16 3	15 3	16 10	17 3	16 3	...	...	...	...	...	
Bombay.	Bombay	10 15	10 15	11 14	17 7	21 6	16 14	7 7	7 12	7 12	13 5	13 8	10 12	18 4	20 0	21 4	18 0	18 8	19
	Ahmedabad	13 4	13 0	17 0	20 0	20 0	32 0	6 8	6 8	8 0	8 0	8 0	13 0	18 8	18 8	28 8	15 0	15 0	26
	Kaira	12 12	12 12	16 0	21 5	21 5	35 9	9 2	9 2	8 14	15 4	15 4	14 9	20 0	20 0	32 0	14 9	14 9	22
	Surat	13 6	13 6	13 10	6 3	6 3	7 7	7 7	7 7	6 13	8 5	8 5	8 5	15 9	15 9	18 13	11 13	11 13	17
	Broach	12 5	9 7	16 0	...	...	...	10 10½	10 8	8 0	12 13	12 13	11 6¾	15 4	15 4	17 12½	15 4	15 4	18
	Tanna (Salsette)	10 5	10 5	11 5	...	...	...	9 0	9 0	8 14	11 4	11 4	11 4	18 10	18 10	12 11	16 6	16 6	18
	Colába (Alibág)	10 0	10 0	10 4	...	...	...	7 8	8 0	7 12	17 0	17 0	12 8	...	...	...	14 0	14 0	14
	Khandesh (Dhulia)	16 12½	17 3	20 5	...	...	...	7 4	7 4	7 4	10 15	10 15	12 12	25 8	25 8	28 14	20 11	19 13	25
	Násik	15 8	15 8	17 0	...	...	...	7 7	7 7	5 15	12 0	12 0	11 15	...	...	25 8	21 3	21 3	20
	Ahmednagar	14 6	13 2	18 10	...	...	...	9 11	9 7	8 7	15 0	14 11	10 8	26 13	28 4	33 14	23 11	23 5	26
	Poona	13 13	13 13	13 13	...	...	...	11 0	11 0	9 13	12 4	12 4	12 4	23 15	26 2	26 2	19 11	20 11	20
	Sholápur	15 6	15 6	18 2	...	...	...	10 7	10 7	11 7	11 5	11 13	12 1	33 10	33 10	35 9	27 9	27 9	31
	Kaládgi (Bagalkot)	22 0	21 0	19 12	15 0	15 0	13 9½	6 8	6 8	8 0	9 8	9 8	10 0	34 0	35 0	33 0	31 0	31 0	39
	Satara	12 1	12 1	13 6	...	...	...	9 11	9 11	9 5	11 7	11 7	11 7	28 0	28 0	26 10	23 4	23 4	24
	Belgaum	19 0	19 0	20 0	11 8	11 8	11 8	10 8	10 8	11 8	11 0	11 0	12 0	28 0	28 0	31 0	26 0	26 0	32
	Dharwar (Hubli)	23 0	24 0	24 0	...	...	...	11 0	11 0	14 0	12 0	12 0	17 0	26 1	25 3	43 0	25 0	27 0	43
	Ratnágiri	11 3	11 14	11 3	...	...	...	10 0	10 10	8 9	16 15	16 15	14 2	20 13	20 13	20 13	19 10	19 10	15
	Kanara (Karwar)	16 0	16 0	15 0	...	...	...	8 0	8 0	7 0	15 0	15 0	16 0	20 0	20 0	26 8	16* 0	16 0	15
	Pánch Mahals (Godhra)	12 5	12 5	11 6	...	...	...	11 6	11 6	11 6	15 0	15 0	16 0	26 10	26 10	50 0	16 0	16 0	32
	Aden	8 0	8 0	8 0	...	...	...	6 3	6 3	6 3	7 0	7 0	7 0	11 3	11 3	9 5	9 5	9 5	8
	Asirgarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Baroda	10 14	12 0	12 5	13 11	14 9	22 14	8 9	8 9	8 9	11 7	12 0	13 2	16 0	17 2	25 2	14 5	14 14	21
	Disa	15 0	16 0	17 4	...	...	...	6 6	6 6	6 2	8 6	8 6	8 2	19 0	19 0	28 6	18 15	17 8	26
	Nimach	16 0	16 0	18 8	20 0	20 0	25 8	8 8	8 8	7 8	10 0	10 0	9 0	21 0	21 0	30 0	20 0	20 0	24
	Nasirabad	17 2¾	17 8	18 6½	23 10¾	23 8½	27 9¾	6 0	6 0	6 0	7 0	7 0	7 0	27 5¼	28 0	31 5¼	18 5¼	19 0	19
	Rájkot	13 10	14 4	20 0	...	...	...	6 0	6 0	5 8	11 0	11 0	12 0	16 0	16 0	28 0	14 6	14 12	24
	Upper Sindh Frontier	15 0	14 8	12 5	26 0	25 8	17 12¼	12 5	12 0	8 6½	22 12	22 8	13 5¼	32 0	32 0	20 0	29 0	32 0	20
	Karachi	12 0	12 0	12 10	23 0	23 0	21 0	9 8	9 8	9 0	16 0	16 0	13 0	23 0	22 0	18 0	17 0	17 0	18
	Haidarabad (Nakur)	17 0	15 0	12 0	20 0	19 0	20 0	12 0	12 0	10 0	18 0	18 0	14 0	24 0	25 0	20 0	23 0	24 0	20
	Shikarpur	15 8	15 8	13 0	30 0	31 0	18 8	11 0	12 0	8 8	17 0	18 0	13 5	27 0	28 0	19 8	23 0	24 0	19
	Thar and Parkar (Umarkot)	18 2	15 13	15 11	...	...	...	...	...	...	14 0	12 13	9 8	...	...	...	22 0	22 0	16
Bengal.	*Western Districts.*																		
	Burdwan	16 0*a*	16 0	20 0	30 0	35 0	30 0	29 0	29 0	26 4	32 8	33 0	28 8	...	...	...	...	...	
	Bancoorah	13 12*b*	17 0	29 0	16 0	18 0	28 0	25 0	25 0	25 0	35 8	35 8	32 0	...	...	...	...	...	
	Beerbhoom	16 0*c*	15 0	19 0	...	...	...	24 0	24 0	21 0	31 0	28 8	28 0	...	...	...	...	...	
	Midnapore	14 8	14 8	15 8	...	...	...	20 0	20 0	27 0	28 0	28 0	30 0	...	...	...	...	...	
	Hooghly	19 0*d*	20 0	18 0	...	...	...	10 0	10 0	10 0	20 0	20 0	20 0	...	...	...	...	...	
	Howrah	16 0	16 0	15 0	...	...	...	17 8	17 8	16 0	21 8	22 8	20 0	...	...	...	...	...	

a In the sub-divisions retail prices of salt are as follow :—Culna 15 seers, Cutwa 10-8 seers, and Raneegunge 13-4 seers.
b In the interior retail prices of salt range from 9 to 16 seers.
c In the interior retail prices of salt range from 12 to 16 seers.

OF INDIA.

ANCE AND COMMERCE.

INDIA FOR THE 2nd HALF OF APRIL 1882.

IN SEERS OF 80 TOLAHS.

Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murnwa, Nuglee), *Panicum Miliaceum*, &c.			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.			Districts.	Provinces.
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
35 3	35 3	32 3	26 10	26 10	42 3	215 13	215 13	215 13	...	...	...	13 13	13 13	12 0	Ganjam	Madras.
26 5	25 3	30 5	28 2	29 3	35 2	93 5	90 6	87 8	14 10	15 3	11 11	14 0	14 0	10 8	Vizagapatam	
36 6	36 6	36 6	29 6	31 8	46 3	194 6	194 6	160 6	14 10	14 10	12 8	14 10	14 10	12 8	Godavery	
35 5	38 3	39 3	27 6	29 2	30 13	145 13	145 13	145 13	15 6	15 11	13 2	15 3	15 3	12 13	Kistna	
36 6	36 6	27 5	25 3	23 2	27 5	93 5	93 5	93 5	14 13	14 13	13 3	14 13	14 13	12 11	Nellore	
30 0	31 8	33 0	33 8	33 2	32 11	194 6	194 6	194 6	14 6	14 6	13 14	13 14	13 14	13 8	Cuddapah	
33 0	33 0	35 14	40 5	40 5	40 5	...	...	...	13 2	11 14	11 14	13 2	11 14	11 14	Anantapur	
29 2	29 2	42 11	29 11	26 14	39 3	97 3	97 3	97 3	14 10	14 10	13 6	14 5	14 5	13 2	Bellary	
...	...	...	30 0	30 0	31 8	163 5	206 8	203 10	14 13	14 13	12 8	14 6	14 6	12 2	Kurnool	
28 13	28 13	26 3	27 5	27 5	30 6	81 6	81 6	81 6	16 8	16 8	14 6	16 0	16 0	13 14	Madras	
27 6	26 0	24 11	25 5	27 5	28 2	92 5	92 5	77 13	16 5	15 14	14 5	15 14	15 8	13 14	Chingleput	
35 14	35 14	32 8	33 8	31 8	36 6	140 0	140 0	140 0	14 5	14 13	12 11	14 5	14 5	12 5	North Arcot	
30 3	30 3	29 6	35 11	35 11	29 5	201 11	201 11	201 11	19 5	18 14	15 5	18 14	18 6	14 13	South do.	
39 5	38 14	34 11	35 0	33 3	29 11	194 6	194 6	194 6	15 10	15 10	13 5	15 3	15 10	13 2	Tanjore	
34 2	32 11	31 6	37 0	38 8	32 5	97 3	97 3	97 3	17 0	17 0	12 14	16 3	16 3	12 2	Trichinopoly	
34 2	32 8	32 8	42 11	43 10	37 6	145 13	140 14	145 13	15 10	17 0	13 8	15 6	16 13	13 2	Madura	
...	...	...	29 6	29 6	27 2	81 10	81 10	76 13	18 11	18 11	15 10	18 5	18 5	15 3	Tinnevelly	
31 3	31 3	34 6	34 3	34 3	45 10	131 3	131 3	131 3	14 2	14 2	12 3	13 10	13 10	11 11	Coimbatore	
20 14	21 10	20 3	20 11	23 3	24 14	121 8	121 8	121 8	...	9 3	9 3	11 0	9 3	9 3	Nilgiris	
32 8	32 8	29 2	37 6	39 6	39 6	151 10	151 10	151 10	15 6	15 6	14 5	14 5	14 5	13 5	Salem	
19 6	19 6	19 6	20 3	20 3	22 3	116 10	116 10	109 5	15 3	15 3	14 3	14 3	14 3	13 2	South Canara	
23 6	23 6	24 13	26 14	26 14	31 0	121 8	121 8	121 8	14 6	13 8	10 13	13 8	12 10	9 14	Malabar	
24 3	23 10	13 2	17 13	18 10	20 6	61 7	61 7	61 6	14 5	14 5	12 9	14 5	14 5	12 9	Bombay	Bombay.
...	...	...	23 0	21 0	24 0	80 0	80 0	80 0	16 8	16 8	13 8	16 0	16 0	13 0	Ahmedabad	
...	...	...	20 0	20 0	24 10	80 0	80 0	80 0	...	...	...	16 0	16 0	12 13	Kaira	
...	...	...	14 14	14 14	17 13	80 0	80 0	80 0	14 9	13 15	11 7	14 9	13 15	11 7	Surat	
...	...	...	15 4	15 4	18 13	106 0	106 0	106 0	15 4	15 4	12 12½	15 4	15 4	12 12½	Broach	
25 11	25 11	15 1	14 5	14 5	15 10	71 1	71 1	71 1	14 5	14 5	10 12	13 4	13 4	10 12	Tanna (Salsette)	
...	...	...	14 0	14 0	14 0	120 0	120 0	110 0	15 0	15 0	12 8	14 0	14 0	12 0	Colába (Alibág)	
...	...	...	17 8	17 8	28 12	140 0	140 0	140 0	15 2	14 2	12 2	15 0	14 0	12 0	Khandesh (Dhulia)	
30 0	30 0	27 0	19 8	19 8	24 8	128 0	128 0	115 0	14 6	14 6	12 14	14 2	14 2	12 12	Násik	
...	...	...	21 11	22 7	27 0	91 5	91 5	106 4	14 7	14 12	12 10½	14 5	14 10	12 9	Ahmednagar	
...	...	...	18 6	18 6	20 11	76 0	76 0	76 0	14 11	14 11	12 8	14 7	14 7	12 4	Poona	
...	...	...	25 9	25 9	30 9	98 0	98 0	91 6	13 12	14 0	11 8	13 8	13 8	11 4	Sholápur	
...	...	...	16 0	15 8	20 0	100 0	110 0	112 0	12 9	12 0	11 0	12 0	11 0	10 0	Kaládgi (Bagalkot)	
...	...	...	16 14	18 3	16 14	137 1	137 1	137 15	14 9	16 0	12 6	13 2	14 9	11 6	Satara	
35 0	35 0	35 0	16 8	15 8	19 0	70 0	70 0	...	13 0	12 8	12 8	12 8	12 0	12 0	Belgaum	
28 0	28 0	49 0	14 0	14 0	21 0	80 0	80 0	80 0	9 8	9 13	8 12	9 0	9 0	8 0	Dharwar (Hubli)	
23 8	23 8	18 13	15 6	15 6	16 13	150 0	150 0	180 0	14 6	14 6	11 0	14 4	14 4	11 0	Ratnágiri	
22 0	22 0	24 6	15 0	15 0	16 0	213 5	213 5	213 5	13 0	12 3	11 0	12 0	11 7	10 0	Kanara (Karwar)	
23 0	23 0	50 0	26 10	26 10	32 0	200 0	200 0	200 0	16 0	16 0	...	15 4	15 4	11 6	Pánch Mahále (Godhra)	
...	...	...	9 5	9 5	9 5	65 5	65 5	65 5	...	...	...	32 0	32 0	32 0	Aden	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Asirgarh	
...	...	...	16 9	17 2	20 9	85 0	85 0	86 0	14 5	14 5	11 11	14 5	14 5	11 7	Baroda	
...	...	...	18 14	18 4	20 8	137 8	137 8	137 8	13 8	13 8	10 8	13 0	13 0	9 8	Disa	
...	...	...	18 8	18 0	24 4	160 0	160 0	160 0	...	...	...	11 0	10 0	9 8	Nimach	
...	...	...	25 0	25 0	26 3¼	90 0	90 0	90 0	*16 6¾	*16 6	..	16 0	16 0¾	13 0	Nasirabad	
...	...	...	18 12	19 12	27 8	80 0	80 0	90 0	†55 0	†70 0	†50 0	48 0	65 0	...	Rajkot	
40 0	40 0	...	22 0	22 0	17 4¾	160 0	160 0	320 0	‡12 1	‡10 10¾	10 0	12 0	10 8	10 0	Upper Sindh Frontier	
9 8	13 0	9 8	17 0	16 0	21 0	105 0	105 0	105 0	17 13	17 13	14 3	17 0	17 0	14 0	Karachi	
24 0	24 0	...	10 0	10 0	11 0	480 0	480 0	320 0	14 0	14 0	10 0	14 0	14 0	10 0	Haidarabad (Nakur)	
...	...	...	21 0	22 0	12 0	160 0	160 0	150 0	13 8	13 0	11 4	13 0	13 0	11 0	Shikarpur	
...	...	...	...	...	...	160 0	160 0	160 0	10 11	10 11	9 10	10 11	10 11	9 10	Thar and Parkar (Umarkot)	
									Prices per md. of 40 seers.						*Western Districts.*	Bengal.
									Rs. A. P.	Rs. A. P.	Rs. A. P.					
...	...	...	26 0	23 0	26 0	160 0	160 0	80 0	2 12 0	2 12 0	...	13 5	13 5	10 0	Burdwan	
...	...	...	20 8	21 0	20 0	320 0	320 0	320 0	3 2 0	3 4 0	...	12 12	12 0	9 0	Bancoorah	
...	...	...	25 8	26 8	26 8	200 0	200 0	180 0	3 3 6	3 5 3	...	12 0	12 0	9 0	Beerbhoom	
...	...	...	19 0	19 0	18 0	160 0	160 0	160 0	3 0 0	3 0 0	...	13 0	13 0	9 0	Midnapore	
...	...	...	22 0	21 0	20 0	100 0	100 0	120 0	2 12 0	2 12 0	...	13 0	13 0	9 0	Hooghly	
...	...	...	22 8	22 8	20 0	80 0	80 0	80 0	2 14 0	2 14 0	4 0 0	13 0	13 0	...	Howrah	

a Retail price of salt in Serampur 13 seers. * Sambhur † Common. ‡ In common use.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPEE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Baira), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Bengal—continued.	*Central Districts.*																		
	Calcutta	14 9	14 9	17 12	32 0	26 14	37 10	10 0	10 0	7 4	20 0	20 0	17 12	32 0	29 0	37 10	...	...	...
	24-Pergunnahs	13 5*e*	12 5	13 5	22 8	20 0	21 4	10 0	10 0	8 0	20 0	20 0	17 8	16 0	...	...	...	...	...
	Nuddea	16 7*f*	16 13	16 0	32 0	32 0	32 0	20 0	21 5	17 4	21 5¼	22 15	21 5¼	...	...	...	...	...	...
	Jessore	20 0*g*	17 0	17 0	...	...	...	23 0	23 0	21 0	29 4	29 0	29 0	...	...	...	...	...	...
	Moorshedabad	20 0*h*	20 0	20 0	...	...	...	18 0	18 0	20 0	28 0	28 0	28 8	...	...	...	...	...	...
	Dinagepore	15 9*i*	15 3½	16 0	27 8	22 13	27 0	25 8	23 4	21 9	32 6	32 0	31 0	...	...	...	...	...	...
	Rajshahye	16 0*j* to 20 10	18 12	16 8 to 22 8	48 12	45 0	60 0	19 11 to 21 0	21 0	21 0 to 24 0	24 0 to 26 4	26 4	28 0 to 30 0	...	...	...	...	...	...
	Rungpore	15 0*k*	15 0	18 0	...	...	...	16 0	15 0	15 0	25 14	25 14	22 13	...	...	...	...	...	...
	Bogra	19 14	19 14	24 0	...	...	...	18 0	19 8	24 0	30 0	30 0	37 8	...	...	...	...	...	...
	Pubna	20 0*l*	21 0	23 12	...	...	...	10 0	10 0	6 12	25 8	26 8	32 0	...	...	...	...	...	...
	Darjeeling	8 0	8 0	8 0	8 0	8 0	8 0	7 0	5 0	5 0	14 0	14 0	14 0	...	...	...	...	...	...
	Jalpáiguri	9 0*m*	9 0	10 0	20 0	20 0	...	16 0	18 0	16 0	23 0	24 0	22 0	...	...	...	...	...	...
	Eastern Districts.																		
	Dacca	16 0*n*	17 0	16 0	40 0	53 0	45 0	25 0	21 4	29 0	29 0	29 0	35 0	...	...	...	...	...	...
	Furreedpore	22 0*o*	22 0	22 0	30 0	30 0	30 0	24 0	24 0	7 0	26 0	26 0	25 0	...	...	...	...	...	...
	Backergunge	... *p*	...	...	...	...	...	24 0	24 0	20 0	29 0	29 0	38 0	...	...	...	...	...	...
	Mymensingh	10 0*q*	10 0	11 8	...	...	...	23 0	20 0	21 0	29 0	30 0	26 0	...	...	...	...	...	...
	Tipperah	13 4	13 4	13 4	...	...	...	22 0	26 8	27 0	32 0	33 0	37 0	...	...	...	...	...	...
	Chittagong	9 0*r*	9 0	12 4	...	...	...	16 0	17 0	16 0	23 0	23 0	26 0	...	...	...	...	...	...
	Noakholly	... *s*	...	...	...	...	...	26 0	27 0	26 0	32 0	32 0	31 0	...	...	...	...	...	...
	Chittagong Hill Tracts	...	...	...	...	...	...	14 8	14 8	16 0	17 12	17 12	17 3	...	...	...	...	...	...
	Hill Tipperah	10 0	10 0	10 0	...	...	...	28 0	28 0	32 0	38 0	39 0	40 0	...	...	...	...	...	...
	Behar.																		
	Patna	19 8	19 0	24 0	40 0	50 0	40 0	12 0	13 6	16 0	22 0	21 0	24 0	...	...	...	...	...	...
	Gya	21 0*t*	19 8	22 0	30 0	30 0	40 0	11 8	11 0	13 8	22 0	22 0	23 0	...	...	...	...	...	...
	Shahabad	15 8*u* to 17 0	16 0 to 17 0	22 0 to 23 0	35 0	35 0	39 0	20 0 to 22 0	20 0 to 22 0	22 0	23 8	24 0	23 0 to 24 0	...	...	...	...	...	...
	Durbhunga	15 0*v*	15 0	20 0	28 0	28 0	35 0	13 0	13 0	13 0	17 0	17 0	22 0	...	...	...	...	...	...
	Mozufferpore	19 0*w*	19 0	25 0	32 0	30 0	45 0	12 0	12 0	11 0	18 0	17 0	24 0	...	...	...	...	...	...
	Sarun	15 8	15 8	20 0	32 0	35 0	42 0	10 0	10 8	10 8	22 0	22 0	22 0	37 0	38 0	40 0	...	...	...
	Chumparun	18 8*x*	...	22 0	43 0	...	45 0	12 0	12 0	14 0	23 0	22 0	21 0	...	...	...	...	...	...
	Monghyr	20 0*y*	19 14	23 1	27 12	31 8	42 0	16 12	20 0	16 12	21 0	23 4	21 0	...	...	...	...	...	...
	Bhágulpur	17 1*z*	17 11	18 15	34 0	37 14	50 8	18 15	20 3	18 15	22 11	25 4	21 7	...	...	...	...	...	...
	Purneah	18 0*z*1	16 0	22 0	40 0	...	40 0	24 0	22 0	24 0	28 0	30 0	28 0	...	...	...	...	...	...
	Maldah	20 0	16 0	22 0	...	...	...	18 0	17 0	16 0	25 0	23 0	28 0	...	...	...	...	...	...
	Sonthal Pergunnahs	15 0*z*2	13 0	14 0	...	...	...	24 0	25 0	25 0	27 0	30 0	28 0	...	...	...	...	...	...
	Orissa.																		
	Cuttack	14 7	15 12	21 0	...	...	...	14 7	14 7	15 12	28 14	28 14	26 4	...	...	...	...	...	...
	Pooree	13 8*z*3	14 0	19 11	...	...	...	28 0	28 0	24 15	36 0	36 0	32 13	...	...	...	...	...	...
	Balasore	16 0*z*4	16 0	16 0	...	...	...	26 0	26 0	32 0	32 0	32 0	40 0	...	...	...	...	...	...
	Chota Nagpore—South-Western Frontier Agency.																		
	Hazaribagh	16 0*z*5	16 0	24 0	24 0	27 0	40 0	12 0	12 0	13 0	21 0	22 0	23 0	...	...	...	...	...	...
	Lohardugga	20 0*z*6	19 0	22 0	30 0	30 0	32 0	22 0	22 0	21 0	26 0	26 0	24 0	...	...	...	...	...	...
	Singbhoom	24 0	24 0	24 0	32 0	32 0	40 0	36 0	36 0	32 0	40 0	40 0	36 0	...	...	...	...	...	...
	Manbhoom	16 0*z*7	15 8	17 0	...	34 0	40 0	23 8	22 0	21 0	36 0	34 0	29 0	...	...	45 0	...	...	...

e In the sub-divisions retail prices of salt are as follow:—Diamond Harbour 10-8 seers, Barripore 10 seers, Barrackpore 12 seers, Baraset, Bussirhat and Satkhira, 13 seers, and Dum-Dum 11-8 seers.
f In the sub-divisions retail prices of salt are as follow:—Kooshtea 13 seers, Meherpore 12 seers, Choondanga 12-8 seers, Ranaghat 12-14 seers, and Bongong 13-5 seers.
g In the sub-divisions retail prices of salt are as follow:—Jhenida, Magoora and Narail 12 seers, Khoolna 11-10 seers, and Bagirhat 11 seers.
h In the sub-divisions retail prices of salt are as follow:—Lalbagh 10 seers, Jungypore 12 seers, and Kandi 11-8 seers.
i Retail price of salt at Raigunge 10-4 seers, and at Nitpore 10 seers.
j In Nattore retail price of salt is 12 seers.
k In the sub-divisions retail prices of salt are as follow:—Gaibanda 10 seers and Kurigram 9 seers.
l In Serajgunge retail price of salt is 17 seers.
m Retail price of salt at Fallacotta in the Alipore sub-division is 6-8 seers.
n In the interior retail prices of salt are as follow:—Manickgunge 12 seers, Moonsheegunge 10-10¾ seers, Roopgunge 10-8 seers, and Narsingunge 13-8 seers.
o In the sub-divisions retail prices of salt are as follow:—Goalundo 12 seers and Madaripore 13 seers.
p In the sub-divisions retail prices of salt are as follow:—Patuakhali 10-10 seers, Ferozepore 11 seers, and Bhola 10 seers.
q In the interior retail prices of salt range from 11 to 13-5 seers.
r Retail prices of salt at Hathazari, Kumariah, and Cox's Bazar 10 seers.
s In the interior retail prices of salt range from 6 to 11 seers.

INDIA FOR THE 2nd HALF OF APRIL 1882—*continued.*

IN SEERS OF 80 TOLAHS.

Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nagiee), *Panicum Miliaceum*, &c.			Gram.			Firewood.			Salt. Wholesale prices per maund of 40 seers.			Salt. Retail.			Districts.	Provinces.
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	S. Ch.	S. Ch.	S. Ch.		
															Central Districts.	
...	...	...	24 10	24 10	26 14	90 0	90 0	90 0	2 10 0	2 8 0	...	13 8	13 8	10 0	Calcutta	Bengal—*continued.*
...	...	...	20 0	20 0	20 0	90 0	100 0	80 0	3 8 0	3 0 0	...	11 0	10 8	10 0	24-Pergunnahs	
...	...	...	26 0	26 0	29 0	...	...	...	3 0 0	3 0 0	...	12 13¼	12 13¼	9 13¼	Nuddea	
...	...	...	23 0	22 8	20 0	110 0	110 0	110 0	3 2 0	3 8 0	...	11 8	11 8	8 0	Jessore	
...	...	...	32 0	32 0	32 0	120 0	120 0	120 0	3 12 0	3 12 0	...	10 0	10 0	8 0 to 9 0	Moorshedabad	
...	...	...	24 0	17 12	19 0	160 0	160 0	180 0	3 4 0	3 8 0	...	...	...	8 8	Dinagepore	
...	...	...	27 3 to 28 2	28 0	22 8 to 30 0	240 0	240 0	250 0	3 5 3	3 1 0	...	12 0	13 0	9 0	Rajshahye	
...	...	...	15 0	20 0	12 0	125 0	135 0	120 0	3 5 0	4 0 0	...	11 8	9 8	8 12	Rungpore	
...	...	...	19 8	21 12	18 12	67 8	67 8	67 8	3 2 8	3 2 8	...	12 0	12 0	8 7	Bogra	
...	...	...	22 0	23 0	26 4	200 0	200 0	200 0	3 0 0	3 5 4	...	13 5	12 0	9 4	Pubna	
9 0	9 0	9 0	10 0	10 0	8 0	160 0	160 0	160 0	5 0 0	5 0 0	...	6 0	6 0	5 0	Darjeeling	
...	...	...	16 0	16 0	13 5	128 0	128 0	64 0	3 5 0	3 5 0	...	11 0	11 0	8 0	Jalpáiguri	
															Eastern Districts.	
...	...	...	25 0	24 5	18 0	91 4	91 4	106 0	2 15 0	3 2 0	...	13 5	12 4	9 8	Dacca	
...	...	...	16 0	16 0	12 0	...	...	...	3 1 3	3 1 3	...	12 0	12 0	9 8	Furreedpore	
...	...	...	21 0	21 0	18 8	100 0	100 0	100 0	3 11 0	3 11 0	...	10 9	10 9	8 12	Backergunge	
...	...	...	17 0	20 0	19 0	...	...	...	3 2 0	3 4 0	...	12 8	12 0	9 4	Mymensingh	
...	...	...	20 0	20 0	18 0	...	...	...	3 6 0	3 4 0	...	...	...	9 8	Tipperah	
...	...	...	16 0	16 0	13 0	80 0	80 0	80 0	2 11 0	2 11 0	3 14 0	13 0	10 0	7 0	Chittagong	
...	...	...	16 0	16 0	16 0	...	...	...	4 4 0	4 6 0	...	9 0	8 8	8 0	Noakholly	
...	...	...	...	...	...	320 0	320 0	320 0	4 0 0	4 8 0	...	9 0	8 0	8 0	Chittagong Hill Tracts	
...	...	...	13 0	13 0	10 5	...	...	...	4 0 0	4 0 0	...	10 0	10 0	8 0	Hill Tipperah	
															Behar.	
...	...	...	36 0	42 8	39 0	130 0	130 0	120 0	3 15 6	3 15 6	...	9 1	9 1	...	Patna	
...	...	...	27 8	29 0	30 0	140 0	140 0	160 0	3 6 0	3 6 0	...	12 0	11 8	9 0	Gya	
...	...	...	32 0	32 0	40 0	120 0	120 0	120 0	3 2 0	3 2 0	...	12 0	12 0	9 8	Shahabad	
40 0	40 0	38 8	28 0	28 0	29 0	160 0	160 0	140 0	3 4 0	3 5 4	...	12 0	12 0	8 8	Durbhunga	
...	...	...	30 0	29 0	31 4	140 0	140 0	140 0	3 4 0	3 8 0	...	12 0	12 0	9 6	Mozufferpore	
32 0	33 0	34 0	32 0	31 0	33 0	160 0	160 0	160 0	3 4 0	3 8 0	...	11 0	11 0	8 8	Sarun	
43 0	...	...	28 0	24 0	35 0	...	...	...	3 8 0	4 8 0	...	10 8	10 0	8 0	Chumparun	
...	...	...	33 9	34 10	33 9	126 0	120 0	126 0	3 2 6	3 13 0	...	10 8	9 3	8 6	Monghyr	
...	...	...	32 2	32 13	32 12	138 6	138 4	126 4	3 3 0	3 0 0	...	12 10	11 5	9 6	Bhágalpur	
...	...	...	25 0	23 0	26 0	160 0	160 0	120 0	4 0 0	4 0 0	...	10 0	10 0	8 0	Purneah	
...	...	...	28 0	25 0	28 0	120 0	120 0	100 0	3 6 0	3 10 0	...	10 0	9 0	9 0	Maldah	
...	...	...	24 0	22 0	21 0	200 0	200 0	200 0	3 12 0	3 12 0	...	10 0	10 0	8 0	Sonthal Pergunnahs	
															Orissa.	
14 7	14 7	28 14	23 10	23 10	26 4	160 0	160 0	160 0	3 0 0	3 0 0	3 8 0	13 0	13 0	11 0	Cuttack	
...	...	...	18 0	17 0	21 0	105 0	105 0	100 0	3 6 0	3 6 0	...	11 0	11 0	11 13	Pooree	
...	...	...	16 0	16 0	13 5	160 0	160 0	160 0	3 2 0	3 2 0	4 6 0	13 0	13 0	9 4	Balasore	
															Chota Nagpore—South-Western Frontier Agency.	
9 0	36 0	42 0	21 0	21 0	26 0	240 0	240 0	200 0	3 7 3	3 10 0	...	11 0	10 0	8 0	Hazáribágh	
8 0	38 0	50 0	22 0	20 0	26 0	140 0	140 0	160 0	4 0 0	4 0 0	...	9 0	9 0	7 8	Lohardugga	
...	...	...	24 0	24 0	24 0	180 0	180 0	160 0	4 0 0	4 0 0	...	8 0	8 0	7 0	Singbhoom	
...	...	64 0	20 0	20 0	20 0	140 0	120 0	140 0	3 8 0	3 8 0	...	11 0	11 0	9 0	Manbhoom	

t In Jehanabad retail price of salt is 12 seers.
u In the sub-divisions retail prices of salt are as follow:—Buxar 10 seers, Sasseram 11 seers, and Bhabooah 10-8 seers.
v In Tajpore retail price of salt is 10 seers, and in Madhubani 11 seers.
w In Hajeepore retail price of salt is 12-4 seers.
x In the interior retail prices of salt range from 9 to 13 seers.
y In the sub-divisions retail prices of salt are as follow:—Begooserai 11 seers and Jamui 12-4 seers.
z In the sub-divisions retail prices of salt are as follow:—Banka and Soopole 10 seers, Mudehpoora 10-10 seers.
z1 In Kissengunge and Arrareah sub-divisions retail price of salt is 8 seers.
z2 In Godda and Sarowni retail price of salt is 10 seers.
z3 In Khoorda retail price of salt is 13 seers.
z4 In Bhadrak retail price of salt is 10 seers.
z5 Retail price of salt in Chatra 10 seers, and in Kharagdiha 11 seers.
z6 Retail price of salt at Daltongunge 9 seers.
z7 In the interior retail prices of salt range from 10 to 12 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPEE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Assam.	Sylhet	13 0	13 0	13 0	...	...	...	17 0	17 0	16 0	35 0	35 0	28 0	...	...	...	...	...	...
	Cachar	9 2	11 6	10 0	16 0	20 0	16 0	16 0	24 10	17 12	21 5	29 1	20 0	...	...	...	...	...	...
	Goálpárá	32 0	26 10	17 2	...	...	...	13 4	11 0	13 5	20 0	20 0	17 12	...	...	...	...	...	...
	Gáro Hills	4 0	4 0	4 0	...	...	...	5 0	5 0	5 0	20 0	20 0	18 0	...	...	...	...	...	...
	Kámrúp	19 0	17 0	14 0	...	...	...	12 0	13 0	18 0	18 0	17 0	22 0	...	...	...	...	...	...
	Darrang	...	...	5 8	...	...	...	10 0	10 0	8 0	16 0	16 0	16 0	...	...	...	...	...	...
	Nowgong	...	...	...	...	...	...	13 8	13 8	10 0	16 0	16 0	16 0	...	...	...	...	...	...
	Sibságar	...	...	...	...	...	...	6 8	6 8	8 0	16 0	16 0	12 0	...	...	...	...	...	...
	Lákhimpur	8 0	8 0	9 0	10 0	10 0	...	7 0	7 0	8 0	16 0	16 0	14 0	...	...	...	...	...	...
	Khásí & Jaintiá Hills	7 5	...	8 0	6 0	...	...	10 0	8 0	8 0	11 0	9 0	10 0	...	...	...	...	...	...
	Nága Hills	...	...	...	...	...	...	4 0	4 0	5 0	8 0	8 0	6 0	...	...	...	...	...	...
N. W. Provinces.	Dehra Dún	19 0	19 8	17 0	32 0	33 0	29 0	11 4	12 0	11 0	13 0	13 8	12 8	24 0	24 0	20 0	24 0	26 0	17
	Saháranpur	21 8	21 9	18 13	30 2	32 5	28 1	10 12	10 12	8 10	12 14½	12 15	11 14	24 11½	24 13	25 14	25 13	25 14	21
	Muzaffarnagar	21 0	21 0	21 8	33 0	35 5	33 0	6 9	6 9	6 9	14 5	14 5	14 5	30 4	30 4	26 6	28 10	28 10	21
	Meerut	19 0	18 8	23 0	24 8	26 0	33 0	6 0	6 0	5 8	16 0	16 0	14 0	28 8	28 8	22 0	26 0	26 0	21
	Bulandshahr	20 12	19 14	21 2	27 0	27 8	29 0	6 0	6 0	6 0	10 11	10 11	12 0	26 0	26 0	21 8	22 0	22 0	20
	Aligarh	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Kumaun	17 0	18 0	12 8	20 0	20 0	15 0	10 0	10 0	8 0	13 0	14 0	11 0	...	...	...	...	...	
	Garhwál	22 0	22 0	17 8	28 0	28 0	20 0	10 0	10 0	9 0	16 0	16 0	12 4	...*	...*	...*	...	...	
	Bijnor	18 9	18 9	21 6	28 2	27 9	30 6	11 11	12 6	11 8	12 15	12 15	13 8	27 0	27 0	20 4	20 4	21 6	18
	Moradabad	20 10	21 9	21 14	28 2	30 0	30 0	8 2	8 2	8 10	14 6	14 6	15 10	27 8	27 8	23 12	23 2	23 2	8
	Budaun	21 0	21 0	21 0	27 9½	28 12½	27 9½	9 9½	9 9½	6 0	15 9½	15 14	14 0	...	24 0	...	...	21 0	
	Bareilly	20 10	20 10	20 10	27 8	26 14	28 12	8 2	7 8	7 8	15 10	15 0	15 0	23 12	24 6	28 12	20 0	20 0	22
	Sháhjáhánpur	21 8	22 8	23 6	29 8	29 8	35 0	9 4	9 4	7 8	15 8	16 0	14 0	...	...	...	...	...	
	Tarái Pergunnahs	22 0	23 0	24 0	41 0	40 0	41 0	8 12	10 0	8 12	15 0	15 0	15 0	25 0	...	25 0	25 0	...	2
	Muttra	18 8	18 0	19 8	24 0	24 0	25 8	...	...	8 0	15 0	15 0	14 0	25 0	25 0	21 0	22 0	22 0	19
	Agra	18 0	18 8	18 0	23 0	24 8	21 0	6 0	6 0	4 12	14 0	14 8	13 8	24 0	25 0	22 0	21 0	22 0	2
	Farukhabad	19 7	18 15	21 2	26 8½	26 10½	29 15	8 3	8 3	6 7	15 5½	16 0	14 5	...	26 9	...	...	24 14	2
	Mainpuri	20 0	20 0	18 0	25 0	25 0	24 8	5 0	5 0	4 4	12 0	12 0	12 8	...	...	...	...	...	
	Etáwah	19 8	20 8	20 0	24 8	23 0	24 8	6 0	6 0	6 0	14 8	14 8	15 0	22 8	24 0	23 0	20 0	23 0	2
	Etah	22 0	22 0	21 0	27 0	26 0	28 0	6 0	6 0	8 0	13 0	13 0	13 0	...	...	...	18 0	19 0	
	Jalaun	22 0	22 8	20 0	22 0	22 0	26 0	10 0	10 0	8 0	13 0	13 0	12 0	30 0	30 0	24 0	26 0	27 0	2
	Jhánsi	24 4	24 11	23 11	35 0	34 14½	34 7	9 8	9 8	7 8	15 0	15 0	13 0	30 14	30 3	31 0	...	...	
	Lalitpur	26 0	25 0	25 0	39 0	36 0	32 0	10 0	10 0	9 0	14 0	14 0	11 0	36 0	34 0	35 0	32 0	32 0	2
	Cawnpore	21 0	21 0	22 0	28 8	29 0	29 0	11 0	11 0	10 0	16 8	16 8	16 0	32 0	32 0	32 0	27 0	28 0	2
	Fatehpur	18 12	19 4	19 12	26 12	28 0	25 8	10 0	10 10	9 8	17 0	17 0	14 0	...	...	...	...	...	11
	Bánda	22 0	22 0	20 0	30 0	25 0	25 0	10 0	10 0	10 0	16 0	16 0	16 0	35 0	35 0	27 0	33 0	33 0	2
	Allahabad	19 8	19 4	19 0	28 8	28 0	25 0	11 0	11 8	11 0	18 0	18 0	16 10	33 0	33 8	27 8	31 0	32 0	2
	Hamírpur	20 0	19 11	19 2	...	23 10	21 6	...	...	11 0	14 0	15 12	16 0	28 0	31 8	23 10	...	...	1
	Jaunpur	21 3	21 3	21 3	33 2	31 12	28 4	8 7	8 7	8 7	14 2	15 8	16 15	...	...	...	22 9	22 9	2
	Gorakhpur	21 9½	20 13	25 3	36 0	36 0	50 6½	16 3	17 1½	16 10	21 9½	21 9½	23 6½	...	...	45 0	...	...	4
	Basti	21 0	20 0	25 0	42 0	42 0	48 0	17 0	16 0	17 0	20 0	20 0	21 4	...	...	...	...	...	
	Azamgarh	20 10	19 15	19 3	31 0	31 0	32 7	10 5	10 5	8 14	16 4	16 4	15 8	41 4	41 4	...	...	...	
	Mirzapur	17 0	17 0	19 0	26 0	26 0	26 8	10 0	10 0	9 0	18 0	19 0	15 0	27 0	27 0	28 0	25 0	25 0	2
	Benares	18 2	17 14	16 13	27 10	27 10	27 14½	13 0	13 0	11 15	20 1	20 9	20 0	28 11½	29 4	29 4	27 10	27 10	31
	Gházipur	18 10	19 5	23 13	28 9	30 14	33 7	10 11	11 0	10 15	21 3½	20 0	19 5	36 1	36 1	41 3	27 1½	27 0	3
	Balia	16 4	16 4	22 8	27 8	27 8	38 12	10 0	10 0	10 0	15 0	15 0	23 0	...	...	...	...	...	
	Pilibhít	21 12	20 12	22 8	35 0	31 12	35 0	15 0	15 2	15 0	17 10	17 10	17 8	...	25 8	...	...	21 0	
Oudh.	Lucknow	19 9¼	19 12	21 5	29 2	28 13½	30 6½	6 0	6 0	6 0	14 13½	14 13½	15 0	27 8	27 2	30 0	25 2	25 0½	2
	Unáo	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Bára Banki	19 0	20 0	21 0¾	29 0	28 0	32 0	10 0	10 0	8 0	19 0	19 0	15 0	32 0	34 0	34 0	24 0	24 0	1
	Sitapur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Hardui	19 0	18 8	20 5	28 2	28 2	33 12	7 8	7 8	5 10	13 2	13 2	13 2		21 9	...	...	22 8	
	Kheri	20 0	20 8	22 8	29 0	27 12	24 0	7 0	7 0	7 0	16 0	16 0	16 0	34 0	28 0	...	...	...	
	Fyzabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Bharaich	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Gonda	23 8	21 4	25 2	38 12	35 0	41 0	15 12	17 0	17 0	20 0	20 0	17 8	43 0	42 0	43 0	26 0	27 0	5
	Rai Bareli	20 12	20 10	21 0	27 8	27 8	24 8	...	...	...	18 0	18 8	14 0	30 8	29 0	21 4	...	...	
	Sultánpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Partábgarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Punjab.	Delhi	17 8	19 0	19 4	24 8	28 0	28 8	...	...	...	15 0	15 0	15 0	28 8	28 0	23 8	22 0	22 8	3
	Gurgaon [a]	18 8	18 8	20 8	27 0	27 0	29 4	...	...	...	13 0	13 0	13 0	26 0	24 0	24 0	22 0	22 0	2
	Karnál	19 8	20 0	19 0	32 0	35 0	32 0	...	...	...	12 0	12 0	12 0	31 0	31 0	26 0	20 0	24 0	2
	Hissar	20 0	20 0	16 0	32 0	31 0	24 0	...	...	...	10 0	10 0	10 0	36 0	35 0	26 0	29 0	31 0	2
	Rohtak	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Sirsa [b]	23 0	20 4	17 0	41 0	38 0	32 0	...	...	...	14 0	14 0	12 0	45 0	45 0	26 0	33 12	33 8	2
	Umbala	25 0	23 8	20 0	36 0	38 0	29 0	...	...	...	14 0	14 0	13 4	34 0	34 0	26 0	31 0	31 0	2
	Ludhiána	26 0	25 8	20 0	38 0	40 0	28 0	...	...	...	12 0	12 0	12 0	38 0	40 0	26 8	30 0	32 0	1
	Simla	...	...	14 0	...	...	20 0	...	...	...	12 0	13 8	11 0	...	...	...	...	...	1
	Jullundur [c]	23 8	23 8	19 0	44 0	41 0	32 0	...	...	...	9 0	9 0	8 0	38 0	36 0	28 0	23 0	23 0	1
	Hoshiárpur	24 0	24 0	21 0	38 0	40 0	30 0	...	...	...	11 0	12 0	12 0	35 0	30 0	24 0	20 0	22 0	1
	Kangra	21 0	21 0	17 0	34 0	34 0	26 0	...	...	...	15 0	15 0	14 0	...	...	...	...	...	

* Mandua—Present 36 seers, past 35 seers, and corresponding 22 seers. [a] The price of salt is gradually falling. [b] Price of wheat, barley and bajra falling; gram rising.

INDIA FOR THE 2nd HALF OF APRIL 1882—*continued.*

IN SEERS OF 80 TOLAHS.

Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Marhwa, Nuglee), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.			Districts.	Provinces.
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. per maund	Rs. A.	Rs. A.	S. Ch.	S. Ch.	S. Ch.		
...	...	...	17 8	24 8	15 0	108 0	108 0	108 0	3 4	...	...	12 0	11 12	8 8	Sylhet	Assam.
...	...	...	16 0	21 5	24 8	80 0	80 0	64 0	3 8	...	...	9 2	12 4	8 10	Cachar	
...	...	...	16 0	16 0	11 6	120 0	120 0	120 0	3 8	...	...	10 2	10 0	8 0	Goálpárá	
...	...	...	8 0	8 0	6 8	160 0	160 0	160 0	5 6	...	...	6 6	6 6	5 5	Gáro Hills	
...	...	...	13 0	12 0	13 0	200 0	160 0	200 0	3 9	...	...	10 8	11 0	8 0	Kámrúp	
...	...	...	9 3	8 9	7 14	160 0	160 0	160 0	4 8	...	...	8 0	8 0	7 0	Darrang	
...	...	...	8 0	8 0	8 0	120 0	120 0	100 0	5 0	...	...	8 0	8 0	8 0	Nowgong	
...	...	...	10 0	10 0	8 0	80 0	80 0	120 0	4 8	...	...	8 8	6 8	6 8	Sibságar	
...	...	...	11 0	11 0	10 0	120 0	120 0	80 0	5 0	...	...	8 0	8 0	7 0	Lakhimpur	
...	...	...	10 0	8 0	...	...	...	...	5 8	...	...	7 4	7 4	5 5	Khási & Jaintiá Hills	
...	...	...	2 0	2 0	3 0	120 0	120 0	120 0	15 0	...	...	2 11	2 11	2 0	Nága Hills	
									S. Ch.	S. Ch.	S. Ch.					
...	...	...	24 0	24 12	17 8	160 0	160 0	160 0	11 8	10 8	10 8	10 8	9 8	9 8	Dehra Dún	N. W. Provinces.
...	...	...	27 6½	27 7	19 14	150 8	150 0	147 8	12 6	11 14	10 3	11 13½	11 14	10 13	Saháranpur	
...	...	...	25 5	26 6	22 0	132 0	132 0	132 0	11 8	11 8	10 6	11 2	...	...	Muzaffarnagar	
...	...	...	23 0	23 0	23 0	110 0	110 0	110 0	11 8	11 8	10 0	11 0	11 0	9 8	Meerut	
...	...	...	24 8	24 0	22 12	120 0	120 0	140 0	11 8	11 8	10 12	...	...	...	Bulandshahr	
...	...	...	...	...	...	...	...	...	...	...	...	No r	eturn r	eceived	Aligarh	
...	...	...	13 0	13 8	12 0	200 0	200 0	160 0	...	...	...	...	...	...	Kumaun	
...	...	...	9 0	9 0	10 0	320 0	320 0	200 0	...	...	...	...	...	...	Garhwál	
...	...	...	22 8	25 5	23 10	135 0	135 0	135 0	...	...	...	10 4	10 4	9 7	Bijnor	
...	...	...	21 14	22 8	21 14	125 0	125 0	120 0	12 10½	...	...	12 8	13 2	10 10	Moradabad	
...	...	...	21 0	22 3	22 3	192 0	192 0	192 0	...	...	...	...	...	...	Budaun	
...	...	...	21 4	20 10	20 10	125 0	125 0	137 8	11 6½	...	...	10 10	10 0	9 11	Bareilly	
...	...	...	22 4	22 8	22 8	200 0	200 0	170 0	12 0	11 8	10 4	11 8	10 8	9 14	Sháhjáhánpur	
...	...	...	19 0	19 0	21 4	120 0	120 0	120 0	...	...	...	...	...	...	Tarái Pergunnahs	
...	...	...	23 0	23 8	21 0	120 0	120 0	100 0	11 4	11 4	...	11 0	11 0	10 0	Muttra	
...	...	...	22 0	23 0	19 0	110 0	110 0	90 0	...	...	...	...	...	...	Agra	
...	...	...	22 14½	23 4	22 11	156 8	156 8	156 12	11 9	11 9	10 3	10 14	...	...	Farukhabad	
...	...	...	22 0	23 0	18 12	160 0	160 0	160 0	...	...	...	10 0	10 0	9 4	Mainpuri	
...	...	...	26 8	27 8	20 8	120 0	120 0	120 0	10 8	9 8	10 0	9 8	9 8	10 0	Etáwah	
...	...	...	23 0	24 0	19 0	140 0	140 0	100 0	12 0	...	...	11 0	...	...	Etah	
...	...	...	33 0	33 0	24 0	140 0	140 0	120 0	...	...	...	11 0	11 0	10 0	Jalaun	
...	...	...	31 8	30 11	28 2½	200 0	200 0	200 0	...	...	...	...	...	...	Jhánsi	
...	...	...	34 0	34 0	34 0	200 0	200 0	200 0	...	...	...	...	...	...	Lalitpur	
...	...	...	27 8	28 8	23 8	150 0	150 0	170 0	12 12	...	...	12 8	12 0	10 8	Cawnpore	
...	...	...	26 4	28 0	20 8	200 0	200 0	200 0	9 10	...	...	9 6	9 14	9 4	Fatehpur	
...	...	...	35 0	34 0	24 0	160 0	160 0	200 0	...	...	...	...	...	...	Bánda	
...	...	...	30 4	29 6	23 4	160 0	160 0	160 0	12 0	...	...	10 0	...	...	Allahabad	
...	...	...	28 0	31 8	21 14	140 0	140 0	140 0	...	...	...	11 0	11 4	10 0	Hamírpur	
...	...	...	28 4	25 6	25 6	169 8	169 8	169 8	9 2	...	...	8 15	8 15	7 12	Jaunpur	
...	...	...	32 6½	33 3	39 9½	160 0	160 0	120 0	...	...	...	...	...	...	Gorakhpur	
...	...	...	29 0	27 0	31 0	140 0	140 0	140 0	...	...	...	...	...	...	Basti	
...	...	...	23 10	23 10	26 9	147 8	147 8	131 8	10 8	10 8	9 8	9 4	9 4	8 8	Azamgarh	
...	...	...	25 0	25 0	21 0	100 0	100 0	100 0	...	...	...	...	...	...	Mirzapur	
...	...	...	26 0	23 5	23 14	140 0	120 0	120 0	11 4	...	...	9 9	9 9	9 0	Benares	
...	...	...	23 13½	30 4	35 12	103 0	103 0	180 0	...	...	...	...	...	...	Gházipur	
...	...	...	27 8	27 8	33 12	100 0	100 0	120 0	...	...	...	9 6	9 6	9 8	Balia	
...	...	...	21 1	20 0	22 8	150 0	150 0	150 0	...	...	...	...	...	...	Pilibhít	
...	...	...	23 3½	23 0	20 14½	117 8	120 0	120 0	9 8	9 8	9 8	9 0	9 0	9 0	Lucknow	Oudh.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Unáo	
...	...	...	26 0	26 0	24 0	130 0	130 0	120 0	10 0	10 0	10 0	9 8	9 8	9 0	Bára Banki	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Sitapur	
...	...	...	18 12	18 12	23 7	240 0	240 0	240 0	8 7	8 7	8 7	7 8	7 8	...	Hardui	
...	...	...	20 0	20 8	27 0	200 0	200 0	200 0	9 8	9 8	10 0	10 0	10 0	12 0	Kheri	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Fyzabad	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Bharaich	
...	...	...	30 4	29 4	30 8	240 0	200 0	200 0	11 4	...	...	11 0	11 0	9 8	Gonda	
...	...	...	21 10	17 8	20 0	160 0	160 0	160 0	...	...	...	8 8	8 0	8 4	Rai Bareli	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Sultánpur	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Partábgarh	
...	...	...	22 4	23 0	21 4	85 0	85 0	90 0	12 8	12 0	...	12 0	11 0	11 8	Delhi	Punjab.
...	...	...	22 8	22 8	23 8	140 0	140 0	120 0	12 0	12 0	...	12 0	12 0	10 0	Gurgáon	
...	...	...	26 0	26 8	24 0	160 0	160 0	160 0	11 12	11 0	...	11 8	10 12	10 0	Karnál	
...	...	...	29 8	32 0	25 0	80 0	80 0	100 0	12 8	12 0	...	11 8	11 8	10 8	Hissar	
...	...	...	...	...	...	...	...	...	...	...	...	No r	eturn r	eceived	Rohtak	
...	...	...	35 12	38 0	27 0	120 0	120 0	120 0	11 8	11 8	...	11 0	11 0	10 0	Sirsa	
...	...	...	30 0	30 0	23 8	130 0	130 0	160 0	13 8	13 8	...	13 8	13 8	11 12	Umballa	
...	...	...	32 0	35 0	24 8	100 0	100 0	100 0	14 6	14 6	...	14 4	14 4	12 0	Ludhiána	
...	...	...	21 0	21 8	16 0	90 0	90 0	90 0	10 12	10 8	...	10 1	9 14	9 0	Simla	
...	...	...	31 0	31 8	22 0	105 0	105 0	100 0	14 8	13 14	...	14 0	13 8	11 12	Jullundur	
...	...	...	29 0	31 0	22 0	100 0	110 0	120 0	14 0	14 0	...	13 8	13 8	11 8	Hoshiárpur	
...	...	...	21 0	21 0	17 0	140 0	140 0	160 0	10 0	10 0	...	9 0	9 0	9 0	Kangra	

[e] Price of barley, jowar and salt falling; gram rising.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPEE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Punjab—*continued.*	Amritsar [a]	24 4	23 8	19 8	49 0	49 0	28 8	...	...	...	12 8	13 0	11 8	33 4	30 4	21 8	25 8	26 8	18 8
	Siálkot	23 0	23 0	16 0	40 0	39 0	28 0	...	...	...	16 0	16 0	13 0	28 0	30 0	20 0	23 0	24 0	16 0
	Gurdáspur	32 0	28 0	21 0	35 0	30 0	28 0	...	...	...	16 0	16 0	14 0	28 0	26 0	19 0	14 0	14 0	13 0
	Lahore	23 0	23 0	19 0	39 0	42 0	29 0	...	...	...	10 0	10 0	9 0	35 0	35 0	22 0	26 0	26 0	19 0
	Ferozepore [b]	22 0	22 0	18 0	40 0	45 0	32 0	...	...	...	13 0	14 0	11 0	38 0	40 0	22 0	32 0	32 0	...
	Gujránwále [c]	21 4	21 8	18 0	38 8	40 0	32 0	...	...	...	12 0	16 0	12 0	30 0	30 0	20 0	20 0	20 0	16 0
	Ráwalpindi [d]	19 8	19 12	13 12	33 0	35 0	22 0	...	...	...	9 8	9 8	6 8	26 0	27 0	20 0	23 12	21 0	17 0
	Jhelum [e]	19 0	19 8	15 8	28 0	29 0	23 0	...	...	...	8 0	8 0	8 0	28 0	29 0	19 0	23 0	23 0	17 0
	Gujrát	23 0	20 12	15 12	39 8	39 8	28 8	...	...	...	12 0	12 0	8 0	21 0	27 0	20 8	29 0	29 0	18 0
	Shahpúr	19 0	17 0	14 8	31 8	30 0	23 0	...	...	...	12 0	12 0	10 0	22 0	22 0	17 0	20 0	20 0	16 0
	Mooltan [f]	16 8	17 0	12 8	26 0	26 0	21 0	...	...	...	10 0	10 0	9 4	21 0	21 0	15 0	24 0	24 0	12 0
	Jhang [g]	19 0	17 8	15 0	30 0	34 0	21 8	...	...	...	10 0	8 0	8 0	18 0	26 0	14 0	22 0	22 0	16 0
	Montgomery	22 0	21 0	13 8	32 0	30 0	19 0	...	...	...	5 8	5 8	5 0	32 0	30 0	...	24 0	24 0	...
	Muzaffargarh	19 0	19 0	15 0	28 0	28 0	22 0	...	...	...	5 0	5 0	5 0	20 0	20 0	13 0	20 0	20 0	13 0
	Dera Ismail Khán	18 7	16 12	10 8	32 12	29 12	17 9	...	...	...	8 12	8 12	7 3	25 5	28 10	14 3	22 13	22 8	13 12
	Dera Gházi Khán	17 8	17 2	14 6	26 4	26 4	20 0	...	...	...	7 8	7 8	6 4	23 2	23 2	20 0	24 6	24 6	14 11
	Bannu	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Peshávar	13 14	13 5	9 13	37 0	34 4	17 8	...	...	...	9 8	9 8	6 0	24 4	23 6	13 9	14 0	14 0	...
	Kohát [h]	13 11	12 12	8 15	28 0	25 8	19 2	...	...	...	12 2	11 8	7 0	20 6	18 8	10 13	16 9	16 9	9 14
	Házára	...	...	13 12	...	...	24 0	...	...	...	14 0	15 0	6 8	30 0	...	17 0	...	...	...
Central Provinces.	Nágpur	19 4	19 12	22 4	...	...	...	8 8	8 8	9 12	17 4	17 4	16 4	28 12	30 12	31 4	...	...	...
	Bhandára	24 8	23 12	23 0	...	...	...	9 12	9 12	9 0	20 8	19 12	17 8	23 8	22 8	26 0	...	...	...
	Chánda	22 0	22 0	25 0	...	...	...	...	...	...	16 0	15 0	17 0	30 0	30 8	38 0	...	...	...
	Wardha	22 8	22 12	24 8	...	...	...	8 12	8 12	8 12	12 12	12 12	14 12	34 0	34 0	28 0	...	...	...
	Bálaghát	26 0	25 0	25 0	...	...	...	17 8	17 8	15 0	26 0	26 0	25 0	...	...	...	...	...	...
	Jubbulpore	20 0	20 8	23 0	21 0	20 0	25 0	12 0	12 8	11 0	17 0	17 8	20 0	26 0	21 8	40 0	18 8	19 0	26 0
	Saugor	24 0	24 0	27 0	...	...	31 0	8 0	8 0	8 0	10 0	10 0	10 0	32 0	32 0	40 0	26 0	26 0	32 0
	Damoh	28 0	28 0	37 0	...	...	...	12 12	12 12	14 12	13 12	13 12	15 12	...	...	75 0	...	...	...
	Seoni	24 0	24 0	26 0	...	...	...	13 8	13 0	13 0	18 0	18 0	19 0	...	...	...	...	...	...
	Mandla	27 0	25 4	28 0	...	...	...	16 0	15 0	16 0	22 8	20 0	22 8	...	...	...	...	...	...
	Betúl	18 0	19 0	21 0	...	...	...	9 0	9 0	12 0	10 0	10 0	13 0	20 0	24 0	40 0	...	...	...
	Chhindwára	22 0	22 0	22 0	...	...	...	10 0	10 0	10 0	14 0	14 0	14 0	28 0	31 0	30 0	...	...	...
	Hoshangabad	18 0	18 0	18 0	...	...	...	4 0	5 0	4 6	11 4	11 4	10 6	24 0	24 0	34 8	27 0	27 0	28 8
	Narsinghpur	20 4	21 0	23 8	...	...	...	9 8	10 0	13 0	13 0	12 8	14 8	...	...	41 0	...	...	41 0
	Nimár	18 0	18 0	20 0	...	...	...	...	...	...	12 8	12 8	11 8	33 11	34 0	40 0	31 8	32 0	33 0
	Raipur	38 0	40 0	45 0	...	...	...	22 4	22 8	22 8	42 0	46 8	36 0	...	...	...	...	...	...
	Sambalpur	27 0	27 0	27 0	...	...	...	38 0	34 0	30 0	52 0	54 0	47 0	...	...	...	...	...	...
	Biláspur	50 0	54 0	76 0	...	...	...	40 0	36 0	30 0	49 0	52 0	52 0	...	...	...	...	...	...
British Burma.	*Arakan Division.*																		
	Akyab																		
	Northern Arakan																		
	Kyoukpyoo																		
	Sandoway																		
	Pegu Division.																		
	Rangoon town and Hanthawaddy																		
	Tharrawaddy																		
	Prome																		
	Irrawaddy Division.																		
	Henzada																		
	Bassein	No return received				...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Thonegwa																		
	Thayetmyo																		
	Tenasserim Division.																		
	Moulmein town and Amherst																		
	Tavoy																		
	Mergui																		
	Toungoo																		
	Shwaygyin																		
	Salween																		
Hyderabad Assigned Districts.	Secunderabad	17 12	17 4	15 15	...	...	...	7 2	7 2	7 8	9 13	9 13	10 3	24 14	23 14	22 10	27 0	27 0	24 14
	Bolarum	19 5	20 4	18 1	...	...	...	7 12	7 12	8 1	9 5	9 9	9 9	28 4	25 11	25 11	...	...	...
	Chudderghat	16 0	15 4	9 0	...	...	...	6 8	6 4	6 0	8 8	8 12	9 0	27 0	24 0	21 0	34 0	34 0	30 0
	Amráoti	18 0	19 0	22 0	11 0	11 0	10 0	8 0	8 0	8 0	10 0	10 0	10 0	29 0	29 0	36 8	26 0	26 0	27 0
	Akola	19 0	19 0	21 0	...	...	...	8 0	8 0	8 8	11 0	11 0	10 0	30 0	30 0	31 0	27 0	27 0	23 0
	Ellichpur	16 0	16 0	21 0	12 0	12 0	12 0	6 0	6 0	8 0	8 0	8 0	10 0	22 0	22 0	29 0	21 0	21 0	26 0
	Buldána	20 0	20 0	26 0	...	...	...	...	...	...	11 0	11 0	11 0	32 0	32 0	42 0	30 0	30 0	36 0
	Wún	16 0	16 0	18 0	...	...	...	7 8	7 8	8 0	10 8	10 8	13 0	30 0	32 0	36 0	...	...	...
	Básim	22 0	23 0	26 0	...	...	...	5 8	5 0	5 0	13 0	12 0	14 0	34 0	32 0	26 0	...	...	...

[a] Price of wheat, jowar, gram and salt falling, bajra, rice, firewood rising.
[b] Prices rising.
[c] Price of wheat, barley and rice rising and salt falling.
[d] Price of wheat, barley and jowar rising, bajra and gram falling.

INDIA FOR THE 2nd HALF OF APRIL 1882—*continued.*

IN SEERS OF 80 TOLAHS.

Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nugiee), *Panicum Miliaceum*, &c.			Gram.			Firewood.			Salt.						Districts.	Provinces.
									Wholesale.			Retail.				
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
...	...	...	34 4	31 8	22 8	85 0	90 0	90 0	14 14	14 8	...	14 6	14 0	12 6	Amritsar	Punjab—*continued.*
...	...	...	26 0	26 0	20 0	140 0	140 0	140 0	14 8	14 8	...	14 0	14 0	12 8	Siálkot	
...	...	...	33 0	29 0	20 0	120 0	120 0	120 0	13 0	13 0	...	12 8	12 8	11 0	Gurdáspur	
...	...	...	31 0	29 0	21 0	70 0	80 0	80 0	15 0	12 0	...	14 0	11 0	11 0	Lahore	
...	...	...	33 0	33 0	24 0	70 0	80 0	70 0	...	14 0	...	13 8	13 8	11 8	Ferozepore	
...	...	...	27 8	27 0	19 4	95 0	95 0	95 0	15 4	15 0	...	15 0	14 12	12 0	Gujránwála	
...	...	...	22 14	22 0	17 8	80 0	80 0	40 0	14 0	14 0	...	13 12	13 12	10 12	Ráwalpindi	
...	...	...	24 0	24 8	17 8	90 0	90 0	90 0	16 0	16 0	...	15 8	15 8	13 8	Jhelum	
...	...	...	24 8	24 12	18 4	100 0	100 0	100 0	...*	...*	...	15 0	15 0	12 8	Gujrát	
...	...	...	24 0	22 0	16 0	320 0	320 0	320 0	17 0	17 0	...	16 0	16 0	14 0	Shahpúr	
...	...	...	22 0	22 0	17 0	90 0	90 0	80 0	13 8	12 4	...	13 0	12 0	12 4	Mooltan	
...	...	...	21 0	21 4	17 0	200 0	200 0	180 0	14 8	14 12	...	14 0	14 0	12 8	Jhang	
...	...	...	28 0	26 0	17 8	200 0	200 0	200 0	11 4	11 4	...	10 4	10 4	10 8	Montgomery	
...	...	...	20 0	21 0	15 0	100 0	100 0	100 0	...*	...*	...	12 0	12 0	11 8	Muzaffargarh	
...	...	...	23 13	25 0	14 2	100 0	100 0	106 0	56 4	56 4	...	54 0	54 0	46 11	Dera Ismail Khán	
...	...	...	25 0	25 1	15 15	100 0	140 0	125 0	25 0	25 0	...	22 8	22 8	28 2	Dera Ghází Khán	
...	...	...	...	...	...	...	...	...	...	...	...	No re	turn re	ceived	Bannu	
...	...	...	17 0	16 6	14 14	91 0	91 0	61 0	57 3	57 3	...	54 8	54 8	41 0	Pesháwar	
...	...	...	18 8	14 10	12 10	102 0	127 0	76 8	97 0	91 13	...	86 0	81 9	45 14	Kohát	
...	...	...	...	19 0	12 0	140 0	140 0	120 0	11 0	11 0	...	...	...	9 0	Házára	
...	...	...	24 12	24 12	26 0	150 0	150 0	120 0	11 4	11 0	10 8	11 0	10 12	10 4	Nágpur	Central Provinces.
...	...	...	34 4	34 0	28 8	...	...	...	10 0	10 0	10 0	9 12	9 12	9 0	Bhandára	
...	...	...	36 0	31 0	28 0	360 0	360 0	360 0	...	...	...	11 0	10 0	8 0	Chánda	
...	...	...	22 12	22 12	25 4	135 0	135 0	135 0	10 12	10 12	10 12	10 8	10 8	10 8	Wardha	
...	...	...	35 0	35 0	34 0	275 0	275 0	275 0	10 8	10 8	...	10 0	10 0	9 8	Bálaghát	
...	...	...	35 0	35 0	34 0	130 0	130 0	140 0	10 0	9 0	...	9 8	8 8	8 8	Jubbulpore	
...	...	...	30 0	30 0	37 0	160 0	160 0	160 0	8 8	8 4	...	8 4	8 0	7 12	Saugor	
...	...	...	39 0	39 0	44 0	200 0	200 0	200 0	8 8	8 4	7 8	8 4	8 0	7 4	Damoh	
...	...	...	29 0	30 0	35 0	220 0	220 0	200 0	7 0	6 0	6 8	6 8	5 12	6 8	Seoni	
...	...	...	57 8	57 8	55 0	256 0	256 0	256 0	...	...	...	7 8	8 0	5 8	Mandla	
32 0	32 0	35 0	20 0	24 0	32 0	240 0	240 0	240 0	9 8	9 8	8 8	9 0	9 0	9 0	Betúl	
18 8	21 0	25 0	28 0	33 0	30 0	200 0	200 0	200 0	9 0	9 0	9 0	8 0	8 0	8 0	Chhindwára	
20 0	21 0	20 0	27 0	27 0	32 0	160 0	160 0	120 0	8 2	8 7	...	7 0	7 5	6 4	Hoshangabad	
...	...	...	35 0	38 0	40 0	160 0	160 0	160 0	8 12	8 8	7 0	8 4	8 0	6 12	Narsinghpur	
...	...	...	23 15	24 3	28 8	160 0	160 0	120 0	13 8	13 8	9 0	13 0	13 0	9 0	Nimár	
...	...	...	39 0	40 0	45 0	80 0	80 0	60 0	9 4	9 0	8 5	9 4	9 0	8 2	Raipur	
...	...	...	27 0	25 0	22 0	120 0	120 0	220 0	9 0	9 0	8 0	8 8	8 8	7 8	Sambalpur	
200 0	200 0	170 0	56 0	60 0	57 0	140 0	140 0	140 0	...	...	...	8 0	8 0	7 8	Biláspur	
															Arakan Division.	British Burma.
															Akyab	
															Northern Arakan	
															Kyoukpyoo	
															Sandoway	
															Pegu Division.	
															Rangoon town and Hanthawaddy	
															Tharrawaddy	
															Prome	
															Irrawaddy Division.	
...	...	...	...	...	...	...	...	...	...	...	No	return	receiv	ed	Henzada	
															Bassein	
															Thonegwa	
															Thayetmyo	
															Tenasserim Division.	
															Moulmein town and Amherst	
															Tavoy	
															Mergui	
															Toungoo	
															Shwaygyin	
															Salween	
27 0	27 0	24 14	18 13	18 13	21 1	130 0	130 0	125 0	10 14	10 8	9 8	10 6	10 0	9 1	Secunderabad	Hyderabad Assigned Districts.
...	...	...	21 14	22 10	23 12	116 14	116 14	116 14	...	...	...	10 12	10 12	9 8	Bolarum	
...	...	...	20 0	19 0	24 0	80 0	80 0	80 0	...	...	...	9 8	10 8	8 12	Chudderghat	
...	...	...	22 0	22 0	26 0	70 0	70 0	75 0	13 0	11 0	10 8	12 0	10 8	10 0	Amráoti	
7 0	7 0	8 0	22 0	22 0	31 0	64 0	64 0	64 0	10 0	10 0	9 0	9 0	9 0	9 0	Akola	
...	...	...	17 0	17 0	24 0	64 0	64 0	64 0	...	...	...	9 0	9 0	9 0	Ellichpur	
...	...	...	30 0	30 0	30 0	...	...	...	...	...	...	9 0	9 0	10 0	Buldána	
...	...	...	28 0	30 0	26 0	100 0	100 0	100 0	...	...	...	8 0	8 0	8 0	Wún	
...	...	...	31 0	30 0	42 0	64 0	64 0	64 0	12 0	9 8	8 12	11 0	9 0	8 0	Básim	

[e] Price of wheat, jowar, gram falling.
[f] Price of wheat rising and salt falling.
[g] Price of wheat and rice falling, barley, jowar, gram and wholesale price of salt rising.
[h] Prices falling.
* Salt not sold wholesale.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPEE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Mysore	Bangalore	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kolar																		
	Túmkúr																		
	Mysore																		
	Hassan																		
	Shimoga																		
	Kadur																		
	Chitaldroog																		
Coorg	Coorg	9 8	8 10	8 4	10 8	9 9	9 4	11 3	11 8	13 8	14 11	14 8	19 14	...	...	...	...	...	...
Rajpootana	Jeypore	16 0	15 0	15 8	21 8	22 8	23 8	6 0	6 0	6 0	9 0	9 0	8 0	20 0	21 0	24 0	20 0	20 0	20 4
	Kishengurh	16 12	16 12	17 0	26 0	26 0	27 8	6 8	9 8	8 0	9 0	10 8	9 0	28 0	27 0	27 0	20 8	20 12	21 0
	Kerrowlee	18 0	18 0	*	21 8	21 0	*	13 8	13 8	*	15 0	15 0	*	21 0	20 8	*	18 8	18 0	*
	Ulwur	18 11	18 2	18 4	23 10	24 0	23 10	8 0	8 0	8 0	12 0	12 4	11 15½	24 0	24 0	25 0	20 0	20 0	21 0
	Bhurtpore (City)	17 8	17 0	17 7	25 8	26 8	22 8	6 8	6 12	6 8	11 0	11 0	7 8	27 0	27 0	24 0	21 0	21 8	19 0
	Ajmere	15 8	15 8	16 8	23 0	22 8	23 0	5 0	5 0	5 0	8 0	8 0	8 0	20 0	22 0	24 0	20 0	20 0	19 0
	Deoli Cantonment	17 3	19 0	20 1	23 13	22 12	32 0	...	...	...	10 8	10 8	20 5	23 13	24 0	32 6	19 0	20 8	23 0
	Erinpura	18 1½	17 2	18 12	32 0	31 3	32 0	...	...	...	8 0	8 0	7 8	25 0	25 0	25 0	26 6	26 0	25 0
	Sirohee	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Abu	16 4	15 14	16 8	24 0	25 12	27 8	6 0	6 0	5 8	8 0	8 0	7 8	...	...	...	18 4	18 4	24 8
	Anadra	18 0	18 0	19 0	28 0	28 0	36 8	6 8	6 8	6 0	8 8	8 8	8 8	...	...	...	21 0	21 0	24 8
	Hilly Tracts of Meywar	23 0	25 0	28 0	30 0	38 0	48 0	...	...	...	18 0	19 0	18 0	...	...	...	...	...	...
	Meywar (Oodeypore)	15 10	15 6¾	15 10	21 7¾	21 1½	23 7	11 11½	11 11½	9 6	...	...	...	...	...	...	...	...	...
	Bánswára (Meywar Agency)	25 0	25 0	37 8	...	...	...	7 8	8 12	7 8	18 12	20 0	20 0	...	...	...	...	...	...
	Partábgarh („)	19 11	19 1	21 4	...	...	...	9 1	9 1	7 8	14 6	14 6	13 12	...	...	...	...	...	...
	Marwar (Jodhpore)	15 8	15 10	15 7	23 12	22 8	21 14	5 0	5 0	5 0	7 8	7 8	6 4	25 0	22 8	21 14	21 4	20 0	18 2
	Bikaneer	12 15	12 10	9 5	...	...	...	3 1	3 1	2 14	6 12	6 12	6 8	...	...	...	20 6	20 12	14 12
	Boondee	20 0	17 8	23 0	30 0	21 8	34 0	10 0	10 0	7 8	11 0	11 0	11 0	27 0	23 12	35 0	...	...	24 0
	Kotah	19 4	21 0	26 8	22 0	24 8	32 0	8 8	8 0	8 8	10 0	10 4	10 0	24 8	27 8	38 0	16 0	15 0	20 0
	Tonk	16 13	17 2	19 5	23 1	21 3	28 0	7 0	7 3	7 0	10 0	10 2	9 0	23 6	23 15	32 2	21 0	21 6	27 0
	Jhallawar	17 0	18 4	21 9	23 14	23 14	23 14	...	...	...	8 13¼	8 13⅙	6 7	18 9½	22 0	30 1½	14 10	15 13	18 3½
	Shahpoora	17 12	17 10	18 4	22 4	22 5	25 7	10 4	10 4	10 0	15 0	15 8	13 12	21 8	22 0	25 8	20 0	20 0	21 0
	Dholpur	18 1	18 3	17 9	25 6	26 1	22 2	10 2	10 2	7 14	12 6	13 2	12 6	23 8	23 14	22 4	22 0	22 7	20 6
Central India	Indore	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Gwalior																		
	Goona																		
	Baghelkhand (Sutna)																		

* Not received.

INDIA FOR THE 2nd HALF OF APRIL 1882—*concluded.*

IN SEERS OF 80 TOLAHS.

Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt.						Districts.	Provinces.
									Wholesale.			Retail.				
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
...	...	...	...	...	...	...	...	...	...	...	No return received				Bangalore Kolar Túmkúr Mysore Hassan Shimoga Kadur Chitaldroog	Mysore.
22 2	22 4	38 7	24 15	25 11	38 3	110 0	110 0	110 0	11 2	10 10	...	9 8	9 4	8 15	Coorg	Coorg
...	...	...	20 0	21 0	20 0	...	...	...	15 0	15 0	...	14 8	14 8	11 8	Jeypore	Rajpootana.
...	...	...	24 0	25 4	26 0	...	...	...	...	...	...	16 0	16 12	13 0	Kishengurh	
...	...	...	21 8	20 8	*	...	...	...	14 6	12 0	...	14 0	11 8	*	Kerrowlee	
...	...	...	23 4	24 3	18 13	...	...	...	15 13	15 13	...	15 8	15 8	12 2	Ulwur	
...	...	...	24 0	24 8	19 0	...	...	...	14 8	14 0	...	13 8	13 8	11 8	Bhurtpore (City)	
...	...	...	24 0	23 8	21 0	70 0	70 0	60 0	...	...	...	15 0	15 0	12 0	Ajmere	
...	...	...	24 1	24 2	26 5	...	...	...	...	...	...	13 4	13 15	11 10	Deoli Cantonment	
									Rs. A. P.	Rs. A. P. per md.	Rs. A. P					
...	...	...	21 8½	20 2	22 0	170 0	170 0	160 0	3 1 2	3 1 2	...	12 0	12 0	10 8	Erinpura	
...	...	...	...	...	...	...	...	...	...	...	...	No return received			Sirohee	
...	...	...	20 0	19 8	16 12	160 0	160 0	160 0	3 12 0	3 12 0	...	10 8	10 8	10 4	Abu	
...	...	...	22 0	22 0	18 4	...	...	...	3 8 0	3 8 0	...	11 8	11 8	11 8	Anadra	
...	...	...	28 0	30 0	40 0	†	†	†	...	...	...	12 0	10 8	8 0	Hilly Tracts of Meywar	
									S. Ch.	S. Ch.	S. Ch.					
...	...	...	17 9¼	18 12	23 7	200 0	200 0	200 0	9 12¼	9 6	...	9 4¾	8 15¾	8 9½	Meywar (Oodeypore)	
...	...	...	42 8	43 12	50 0	...	...	...	...	...	...	11 6	11 4	8 12	Bánswára (Meywar Agency)	
...	...	...	26 4	27 13	27 8	...	...	...	...	...	...	11 4	11 4	8 7	Partábgarh („)	
									Rs. A. P.	Rs. A. P. per md.	Rs. A. P.					
...	...	...	20 0	21 4	16 4	...	...	...	2 8 0	2 10 8	...	15 0	14 11	15 0	Marwar (Jodhpore)	
									S. Ch.	S. Ch.	S. Ch.					
...	...	...	17 12	17 12	15 14	...	...	...	...	...	...	11 8	11 8	11 8	Bikaneer	
...	...	...	30 0	23 4	29 0	140 0	160 0	160 0	13 12	12 14	10 8	13 6	12 12	...	Boondee	
...	...	...	28 0	28 0	32 8	240 0	240 0	240 0	12 0	11 8	...	11 8	11 0	10 8	Kotah	
...	...	...	23 1	23 2	24 6	130 0	130 0	120 0	13 0	12 14	11 4	...	...	...	Tonk	
...	...	...	21 10	26 5	30 3	...	...	...	9 15	9 15	...	9 11½	9 11½	8 10	Jhallawar	
...	...	...	22 4	22 8	22 10	160 0	160 0	160 0	14 0	14 5	10 8	...	14 0	...	Shahpoora	
...	...	...	23 8	24 2	19 11	...	...	...	12 15	12 15	10 11	12 3	12 3	10 1	Dholpur	
...	...	...	...	...	...	...	...	...	...	...	No return received				Indore Gwalior Goona Baghelkhand (Sutna)	Central India.

† Eight pies per bundle. ‡ Sea Salt. § Earth Salt.

D. M. BARBOUR,

Offg. Secretary to the Government of India.

M

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENT OF PRICES CURRENT OF FOOD-GRAINS FOR THE 1st HALF OF APRIL 1882, PUBLISHED IN PAGES 700 AND 701 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 13th MAY 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Province.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of last year.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of last year.	Rice. Best sort. Present fortnight.	Rice. Best sort. Past fortnight.	Rice. Best sort. Corresponding fortnight of last year.	Rice. Common. Present fortnight.	Rice. Common. Past fortnight.	Rice. Common. Corresponding fortnight of last year.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of last year.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of last year.	Lesser Millets, Ragi, &c. (Kavaru, Veragoo, Sawee, Cheena, Coraloo, Murhwa, Nuglee, &c.), *Panicum Miliaceum*, *Eleusine Coracana*, &c. Present fortnight.	Lesser Millets. Past fortnight.	Lesser Millets. Corresponding fortnight of last year.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of last year.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of last year.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of last year.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of last year.
		S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.
British Burma.	**Arracan Division.**																																
	Akyab	6 10	6 10	6 8	...	...	...	17 8	18 0	15 0	20 0	20 0	16 0	...	...	...	...	...	...	...	...	...	9 0	10 0	9 8	210 0	210 0	240 0	40 0	50 0	...	35 0	40 0	20 0
	Northern Arracan	...	...	...	...	...	...	10 0	10 0	...	11 0	11 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kyoukpyoo	...	...	...	...	...	...	18 11	19 8	18 3	20 2	21 0	19 10	...	...	...	...	...	...	..	...	...	4 0	4 0	4 0	180 0	180 0	280 0	100 0	100 0	...	...	...	36 0
	Sandoway	...	...	...	...	...	...	27 7	27 7	28 0	33 9	33 9	32 0	...	...	...	...	...	...	...	...	...	...	...	...	469 11	469 11	a	...	...	...	39 0	30 0	23 0
	Pegu Division.																																
	Rangoon town and Hanthawaddy	16 4	16 4	11 2	...	...	...	15 4	15 4	13 0	18 3	18 3	15 0	...	...	...	...	...	...	...	...	...	18 1	18 1	27 2	324 0	324 0	50 0	50 11	50 11	45 10	22 10	22 10	23 3
	Tharrawaddy	...	...	...	...	...	...	16 5	16 5	6 15	17 13	17 14	9 12	...	...	...	...	...	...	...	...	...	8 15	8 15	17 5	535 11	535 11	b	29 12	27 7	...	18 5	18 5	14 10
	Prome	18 3	12 2	9 0	...	...	...	16 12	16 12	13 8	19 10	18 5	14 0	...	...	...	...	...	...	...	...	...	15 9	10 6	20 0	139 11	139 11	c	32 4	29 9	...	18 10	18 10	28 0
	Irrawaddy Division.																																
	Thonegwa	...	...	...	...	...	...	16 12	16 12	11 10	18 6	18 3	14 0	...	...	...	...	...	...	...	...	...	13 7	13 7	9 0	147 10	147 10	d	47 5	47 5	...	44 5	44 5	14 0
	Bassein	...	...	...	...	...	...	18 8	19 8	12 4	22 12	21 12	13 6	...	...	...	...	...	...	...	...	...	12 12	12 12	13 6	142 4	142 4	157 0	39 0	39 0	24 8	28 6	28 6	21 0
	Henzada	...	...	...	...	...	...	17 14	17 14	12 4	26 0	26 0	15 12	...	...	...	...	...	...	...	...	...	...	...	...	183 8	183 8	e	29 9	29 9	...	29 9	29 9	28 0
	Thayetmyo	12 1	12 1	8 12	...	...	...	11 11	11 11	9 10	15 9	15 9	14 0	...	...	...	...	...	...	...	...	...	13 14	13 14	14 5	245 0	245 0	250 0	25 6	25 6	17 0	18 15	18 15	14 0
	Tenasserim Division.																																
	Moulmein town and Amherst	10 0	10 0	10 0	...	...	...	15 5	15 5	10 0	20 4	20 4	12 0	...	...	...	...	...	...	...	...	...	11 1	...	7 8	220 0	220 0	250 0	50 6	50 6	18 0	22 6	22 6	13 0
	Tavoy	..	...	...	...	...	...	13 12	15 3	11 7	21 0	25 3	16 0	...	...	...	...	...	...	...	...	...	...	...	...	399 3	399 3	293 0	24 2	24 2	33 0	16 1	16 1	26 11
	Mergui	...	...	...	...	...	...	17 5	16 4	15 8	21 12	21 12	18 0	...	...	...	...	...	...	...	..	...	...	...	...	428 0	428 0	428 0	36 8	36 8	26 1	29 3	29 3	20 8
	Shwaygyin	...	...	...	...	...	...	15 15	12 12	10 2	17 9	13 13	12 4	...	...	...	...	...	...	...	...	...	...	...	...	...	250 0	..	27 3	27 3	32 9	18 14	18 14	14 0
	Toungoo	...	...	...	...	...	...	18 5	18 5	15 8	21 5	21 5	20 9	...	...	...	...	...	...	...	...	...	12 9	12 9	12 6	24 0	24 0	303 0	32 0	32 0	15 8	18 12	18 12	15 8
	Salween	...	...	...	...	...	...	7 14	7 14	...	8 4	8 4	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14 3	14 3	...

a Rs. 2 per 100 billets. b Rs. 1 per cart-load. c Rs. 1-8 per cart-load. d 100 logs, 18 inches long and 5 inches girth, for Rs. 10. e 53 billets per rupee.

D. M. BARBOUR,

Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

[TELEGRAPH.]

ABSTRACT OF FOREIGN TRAFFIC FOR THE MONTH OF JANUARY 1882.

CLASS OF MESSAGES.	ROUTE.																		TOTAL.	
	WEST.								EAST.											
	VIA TEHERAN.		VIA TURKEY.		PERSIAN GULF		VIA SUEZ.		VIA AMUR.		VIA MADRAS.		VIA RANGOON.		NATIVE BURMA.		VIA PAUMBEN.			
	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.
INDIAN.		Rs. A.		Rs. A.		Rs. A		Rs A		Rs. A.		Rs. A.		Rs. A.		Rs A.		Rs. A		Rs. A.
Sent . . .	1,444	6,658 14	140	556 1	38	114 10	5,626	19,124 6	...	...	822	1,075 13	169	522 5	286	419 14	1,662	3,066 11	10,187	32,738 10
Received . .	1,262	7,768 9	223	841 13	74	282 5	4,864	20,411 3	...	...	7 8	2,173 6	232	750 9	...	...	1,728	3,409 7	9,091	35,637 4
TOTAL .	2,706	14,427 7	363	1,397 14	112	396 15	10,490	39,535 9	...	...	1,530	3,249 3	401	1,272 14	286	419 14	3,390	7,076 2	19,278	68,375 14
TRANSIT																				
From East to West—																				
Received. *Vid* Madras .	572	2,259 9	2	7 14	11	30 6	4,517	18,796 15	...	...	...	...	...	...	...	...	...	...	5,102	21,094 12
" Rangoon	3	9 0	...	...	...	...	100	432 12	...	...	...	...	...	...	...	...	...	.	103	441 12
" Laingha .	..		...	...	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...	..
" Paumben	35	155 8	1	3 1	1	4 5	430	1,282 8	...	...	...	...	...	...	...	...	...	...	467	1,445 6
From West to East—																				
Sent. *Vid* Madras .	775	3,012 9	93	325 7	6	24 6	4,058	16,331 10	...	...	...	...	...	...	...	...	...	...	4,932	19,694 0
" Rangoon .	8	24 12	...	...	...	...	102	390 0	...	...	...	...	...	...	...	..	...	..	110	423 12
" Laingha .			...		...	...	..		...	...	...	...	...	...	...	...	...	...	...	..
" Paumben	79	322 4	8	33 0	...	...	271	1,040 12	...	...	57	230 15	...	...	...	...	...	...	415	1,626 15
From West to West—																				
Vid Bombay and Karachi	...	...	1	1 14	1	4 8	...	...	...	...	...	...	...	...	...	...	..	...	2	6 6
Vid Karachi and Bombay	..	..	1	1 8	4	14 4	...	...	...	...	...	...	...	...	...	...	...	...	5	15 12
From East to East—																				
Vid Paumben .	...	...	...	...	...	...	...	...	...	...	81	255 15	2	6 5	...	...	...	...	83	262 4
" Rangoon .	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2 15	1	2 15
TOTAL .	1,473	5,783 10	106	372 12	23	77 12	9,478	38,283 9	...	...	138	516 14	2	6 5	...	...	1	2 15	11,220	45,043 14
																	GRAND TOTAL ...		30,498	1,13,419 12

ABSTRACT OF FOREIGN TRAFFIC WITH INDIA BY THE INDO-EUROPEAN AND RED SEA ROUTES FOR THE MONTH OF JANUARY 1882.

ROUTE.		NUMBER OF MESSAGES BY EACH ROUTE (EXCLUSIVE OF TRANSIT).			PERCENTAGE OF NUMBER.		
		To India.	From India.	TOTAL.	To India.	From India.	TOTAL.
INDO-EUROPEAN	*Vid* Teheran	1,262	1,444	2,706	19·65	19·93	19·79
	" Turkey	223	140	363	3·47	1·92	2·66
	Persian Gulf *vid* Karachi	74	38	112	1·15	0·53	0·82
RED SEA . .	*Vid* Suez	4,864	5,626	10,490	75·73	77·62	76·73
	TOTAL .	6,423	7,248	13,671	100·00	100·00	100·00

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION BRANCH.

IRRIGATION OPERATIONS IN BENGAL FOR 1881-82.

Areas leased for Irrigation up to end of March 1882.

Circle.	District.	Canal.	Supply of Water in the Canals.			Kharif.								Rabi.					Sugarcane.		Grand Total.				Grand total of the corresponding month of last year.	Rainfall.			Remarks.
						Five-year leases.			Three-year leases.			Annual leases.		Three-year leases.			Annual leases.									Inches during the month.	Inches during 1881-82.	Average of the ten previous years of the same period.	
			Estimated full discharge in cubic feet per second.	Average discharge in cubic feet per second throughout the month.	Estimated discharge utilised.	Leased in March 1882.	Leased up to end of March 1882.	Total, inclusive of unexpired leases of previous years.	Leased in March 1882.	Leased up to end of March 1882.	Total, inclusive of unexpired leases of previous years.	Leased in March 1882.	Leased up to end of March 1882.	Leased in March 1882.	Leased up to end of March 1882.	Total, inclusive of unexpired leases of previous years	Leased in March 1882.	Leased up to end of March 1882.	Leased in March 1882.	Leased up to end of March 1882.	Kharif.	Rabi.	Sugarcane.	Total.					
			c. ft.	c. ft.	c. ft.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Ins.	Ins.	Ins.	
Orissa	Cuttack	Kendrapara	1,269	372·90	...	...	...	40,081	6	7,735	13,607	...	...	...	...	...	...	3,940	...	93	53,688	3,940	93	57,721	49,634	0·00	59·29	0·74	
		Patamoondee	1,042	79·70	...	...	...	11,272	...	632	796	...	...	...	...	...	...	525	...	...	12,068	525	...	12,593	12,157				
		High Level, Section I	675	175·40	...	...	...	13,587	...	306	626	...	...	...	...	...	27	150	...	2	14,213	150	2	14,365	14,247				
		Taldanda	1,300	169·00	...	...	...	10,076	...	656	932	...	...	...	...	...	...	350	...	38	11,008	350	38	11,396	10,709				
		Matchgong	650	87·00	...	...	...	25,269	...	3,337	6,197	...	...	...	...	...	...	474	...	78	31,466	474	78	32,018	28,500				
	Balasore	High Level, Section II	727·16	394·07	...	...	...	204	...	5	1,176	...	...	...	...	...	...	2	...	56	1,380	2	56	1,438	1,301				
	Total of the month		...	...	...	...	...	100,489	6	12,671	23,334	...	...	...	...	...	27	(a)5,441	...	(b)267	123,823	5,441	267	129,531	116,638	0·00	59·29	0·74	
	Total of the corresponding month of previous year		...	...	...	...	—305	100,894	31	10,663	10,663	...	...	...	...	...	1	4,908	1	173	111,557	4,908	173	116,638	...	1·70	75·65	0·00	
South-Western	Midnapore	Midnapore	875	122·00	...	...	—1,194	90,420	...	—1	75	...	...	...	...	...	...	...	...	...	90,495	..	...	90,495	91,690	0·00	70·32	55·50	
	Howrah	Panchkoorah	300	24·00	...	...	1,431	13,337	...	—193	30	...	...	...	...	...	...	285	...	...	13,367	285	...	13,652	12,129	0·00	78·43	53·18	
	Total of the month		...	...	...	...	237	103,757	...	—194	105	...	...	...	...	...	...	285	...	...	103,862	285	...	(c)104,147	103,819	0·00	148·75	108·68	
	Total of the corresponding month of previous year		...	...	...	...	4,960	103,520	...	299	299	...	...	...	...	...	...	...	...	...	103,819	...	...	103,819	...	9·10	115·59	107·58	
Sone	Shahabad	Western Main	4,342	1,299	...	94	273	399	...	...	...	...	3,719	...	...	...	65	2,671	...	1,123	4,119	2,671	1,123	7,912	10,759	0·00	40·33	40·85	
		Buxar	1,226	162	...	500	2,594	2,594	...	...	...	...	11,042	...	...	...	...	(d)3,055	...	4,126	13,636	3,055	4,126	20,817	38,384				
		Arrah	1,660	671	...	545	27,966	32,992	...	...	...	...	15,047	...	...	3,347	74	8,005	...	(e)7,522	48,039	11,352	7,522	66,913	83,749	0·00	46·03	40·23	
	Patna and Gya	Eastern Main	1,466	240	..	...	126	126	...	...	...	...	151	...	...	...	...	16	...	15	277	16	15	308	626	0·00	42·14	39·44	
		Patna				265	6,699	6,699	...	...	...	...	6,971	...	...	...	8	2,876	..	1,062	13,670	2,876	1,062	17,608	19,985				
	Total of the month		...	...	..	1,404	37,65-	42,810	...	...	...	...	36,930	...	...	3,347	147	16,623	...	13,848	79,740	19,970	13,848	113,558	153,503	0·00	128·50	120·52	
	Total of the corresponding month of previous year		...	...	...	3,905	5,152	5,152	...	—2,140	9,280	...	96,417	...	560	4,352	753	24,907		13,395	110,849	29,259	13,395	153,503	...	1·52	100·62	78·97	
	Grand total of the month		...	...	...	1,404	37,885	247,056	6	12,477	23,439	...	36,930	...	...	3,347	174	22,349	...	14,115	307,425	25,696	14,115	347,236	373,960	0·00	336·54	221·54	
	Grand total of the corresponding month of previous year		...	...	...	3,905	9,807	209,566	31	8,822	20,242	...	96,417	...	560	4,352	754	29,815	1	13,568	326,225	34,167	13,563	373,960	...	12·32	291·86	186·55	

(a) Exclusive of 11 acres leased prior to 1st April last.
(b) Exclusive of 1 acre under Matchgong Canal leased prior to 1st April last.
(c) Leases for 23,341 acres expired on the 31st March 1882.
(d) 3,057 acres entered in last month's statement.
(e) In lu es 1,659 acres sugarcane under three years' lease.

G. F. E. S. NEILL, *Major, M.S.C.,*
Asst. Secy. to the Govt. of Bengal,
in the P. W. Dept., Irrigation Branch.

CALCUTTA,
The 28th April 1882.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

No. XVI of 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 23rd April 1881.		Total mean length open.	Receipts for week ending 22nd April 1882.		Total Receipts from 1st April to 23rd April 1881.		Total Receipts from 1st April to 22nd April 1882.		Total Increase in 1881-82.	Total Decrease in 1881-82.
			Total.	Per mile open.		Total.	Per mile open.	Total.	Per mile open per week.	Total.	Per mile open per week.		
	Guaranteed.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
29th April 1882	Eastern Bengal ...	176	59,408	338	172	65,692	382	1,95,178	337	2,26,045	418	30,867	...
22nd ditto ...	Oudh and Rohilkhand	547	97,185	178	547	1,21,978	223	3,77,064	210	3,63,516	211	...	13,548
22nd ditto ...	Sind, Punjab & Delhi	676	1,62,504	240	676	2,06,109	305	6,65,245	300	6,79,582	320	14,337	...
22nd ditto ...	Madras ...	858	1,09,889	128	858	1,25,512	146	3,94,535	140	4,06,701	151	12,166	...
22nd ditto ...	South Indian ...	655	71,828	110	655	70,018	107	2,42,707	113	2,20,570	107	...	22,137
29th ditto ...	Great Indian Peninsula	1,448	8,37,146	578	1,446	9,87,075	683	25,86,826	544	31,11,964	685	5,25,138	...
22nd ditto ...	Bombay, Baroda and Central India ...	444	2,83,498	638	461	2,73,998	594	9,06,366	621	8,41,739	581	...	64,627
	TOTAL ...	4,804	16,21,458	338	4,815	18,50,382	384	53,67,921	340	58,50,117	386	4,82,196	...
	State.												
29th April 1882	East Indian ...	1,507	8,57,012	569	1,507	9,66,670	641	27,34,674	552	29,16,428	616	1,81,754	...
22nd ditto ...	Calcutta and South-Eastern ...	28	2,440	87	28	2,625	94	8,259	90	8,574	97	315	...
22nd ditto ...	Nalhati ...	27	1,207	45	27	1,495	55	3,886	44	4,442	52	556	...
22nd ditto ...	Northern Bengal ...	231	27,999	121	233	34,480	148	92,904	122	1,15,585	158	22,681	...
29th ditto ...	Tirhoot ...	82	10,040	122	85	14,686	173	39,990	148	42,940	161	2,950	...
22nd ditto ...	Patna-Gya ...	57	10,492	184	57	9,539	167	37,164	198	35,002	195	...	2,162
22nd ditto ...	Muttra-Hathras ...	29	2,782	96	29	3,176	109	8,217	86	8,650	95	433	...
22nd ditto ...	Cawnpore-Farukhabad	86	4,700	55	86	7,081	82	16,904	59	19,909	73	3,005	...
22nd ditto ...	Dildarnagar-Ghazipur	12	1,022	85	12	1,011	84	2,780	71	2,964	78	184	...
29th ditto ...	Rajputana-Malwa ...	1,016	1,80,035	177	1,117	2,29,242	205	5,77,534	173	7,38,490	211	1,60,956	...
22nd ditto ...	Wardha Coal ...	45	8,201	182	45	12,852	286	30,367	205	40,603	287	10,236	...
22nd ditto ...	Nagpur & Chhattisgarh	66	6,128	93	98	28,452	290	18,914	87	72,509	235	53,595	...
22nd ditto ...	Rangoon and Irrawaddy Valley ...	161	32,147	200	161	43,180	268	1,32,979	251	1,48,054	293	15,075	...
29th ditto ...	Sindia ...	70	4,736	68	75	7,107	95	15,000	65	22,862	97	7,862	...
22nd ditto ...	Punjab Northern ...	363	82,628	228	368	67,056	182	2,77,628	233	2,44,760	211	...	32,868
22nd ditto ...	Indus Valley and Kandahar ...	660	1,16,831	177	660	64,482	98	3,66,166	169	2,06,964	99	...	1,59,202
29th ditto ...	Muttra-Achneyra ...	...	...	...	23	1,185	52	...	...	3,523	49	3,523	...
	TOTAL ...	2,933	4,91,388	168	3,104	5,27,649	170	16,28,692	169	17,15,831	176	87,139	...
	Native States.												
22nd April 1882	Bhavnagar-Gondal ...	192	21,573	112	194	31,901	164	69,664	111	93,686	153	24,022	...
22nd ditto ...	Nizam's ...	121	15,051	124	121	17,759	147	58,092	146	51,719	136	...	6,373
8th ditto ...	Mysore ...	58	2,122	37	...	(a)...	...	(b)2,951	40	(c)6,060	62	3,109	...
	TOTAL ...	371	38,746	104	315	49,660	158	1,30,707	107	1,51,465	120	20,758	...
	GRAND TOTAL ...	9,615	30,08,604	313	9,741	33,94,361	348	98,61,994	312	1,06,33,841	344	7,71,847	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	46,35,137	147	51,04,244	165	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	52,26,857	165	55,29,597	179	3,02,740	...

(a) Return not received. (b) Total receipts from 1st to 9th April 1881. (c) Total receipts from 1st to 8th April 1882.

No. XVII of 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 30th April 1881.		Total mean length open.	Receipts for week ending 29th April 1882.		Total Receipts from 1st to 30th April 1881.		Total Receipts from 1st to 29th April 1882.		Total Increase in 1881-82.	Total Decrease in 1881-82.
			Total.	Per mile open.		Total.	Per mile open.	Total.	Per mile open per week.	Total.	Per mile open per week.		
			Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	Guaranteed.												
6th May 1882	Eastern Bengal ...	176	58,117	330	172	68,929	401	2,53,295	335	2,95,570	45	42,275	...
29th Apl. 1882	Oudh and Rohilkhand	547	1,06,935	195	547	1,11,465	204	4,83,999	206	4,73,950	209	...	10,049
29th ditto ...	Sind, Punjab & Delhi	676	1,74,697	258	676	1,70,175	252	8,39,942	290	8,49,757	303	9,815	...
29th ditto ...	Madras ...	858	1,12,825	132	858	1,60,756	187	5,07,360	138	5,72,308	161	64,948	...
29th ditto ...	South Indian ...	655	73,601	112	655	95,285	145	3,16,308	113	3,16,415	117	107	...
6th May 1882	Great Indian Peninsula	1,448	8,93,068	617	1,447	10,17,873	703	34,79,894	561	41,30,594	689	6,50,700	...
29th Apl. 1882	Bombay, Baroda and Central India ...	444	2,83,951	640	461	2,88,308	625	11,90,317	626	11,31,206	592	...	59,111
	Total ...	4,804	17,03,194	355	4,816	19,12,791	397	70,71,115	343	77,69,800	389	6,98,683	...
	State.												
6th May 1882	East Indian ...	1,507	8,16,118	542	1,507	9,23,926	613	35,50,792	549	38,10,759	610	2,59,967	...
29th Apl. 1882	Calcutta and South-Eastern ...	28	4,778	171	28	4,484	160	13,037	108	12,804	112	...	231
6th May 1882	Nalhati ...	27	1,255	46	27	1,478	55	5,141	44	5,889	52	748	...
6th ditto ...	Northern Bengal ...	231	29,030	126	233	39,360	169	1,21,933	123	1,54,795	160	32,862	...
29th Apl. 1882	Tirhoot ...	82	12,289	150	85	14,515	171	52,279	149	57,962	164	5,683	...
6th May 1882	Patna-Gya ...	57	9,580	168	57	9,307	163	46,744	191	46,071	195	...	67
29th Apl. 1882	Muttra-Hathras ...	29	2,430	84	29	2,735	94	10,647	85	11,385	94	738	...
29th ditto ...	Cawnpore-Farukhabad	86	4,733	55	86	7,388	86	21,637	59	27,297	76	5,660	...
29th ditto ...	Dildarnagar-Ghazipur	12	1,161	97	12	1,152	96	3,941	76	4,160	84	219	...
6th May 1882	Rajputana-Malwa ...	1,016	1,81,036	178	1,117	2,31,253	207	7,58,570	174	9,69,743	209	2,11,173	...
29th Apl. 1882	Wardha Coal ...	45	8,627	192	45	19,647	436	38,994	202	60,425	324	21,431	...
29th ditto .	Nagpur & Chhattisgarh	66	7,731	117	98	23,262	237	26,645	95	94,157	232	67,512	...
29th ditto ...	Rangoon and Irrawaddy Valley ...	161	34,186	212	161	36,274	225	1,67,165	242	1,84,309	276	17,144	...
6th May 1882	Sindia	70	4,288	61	75	6,117	82	19,288	64	28,050	90	8,762	...
29th Apl 1882	Punjab Northern ...	363	66,891	184	368	52,618	143	3,44,519	221	2,97,378	195	...	47,141
6th May 1882	Indus Valley & Kandahar	660	1,14,281	173	660	67,093	102	4,80,447	170	2,74,057	100	...	2,06,390
6th ditto ...	Muttra-Achneyra ...	...	...	...	23	1,192	52	...	...	4,715	50	4,715	...
	Total ...	2,933	4,82,296	164	3,104	5,17,875	167	21,10,987	168	22,33,197	174	1,22,210	...
	Native States.												
29th Apl. 1882	Bhavnagar-Gondal ...	192	25,851	135	194	31,404	162	95,515	116	1,25,003	155	29,488	...
29th ditto ...	Nizam's ...	121	16,552	137	121	21,244	176	74,644	144	72,963	146	...	1,681
15th ditto ...	Mysore ...	58	1,728	30	...	... (a)	...	(b) 5,180	39	(c) 11,730	64	6,550	...
	Total ...	371	44,131	119	315	52,648	170	1,75,339	110	2,09,696	126	34,357	...
	GRAND TOTAL ...	9,615	30,45,739	317	9,742	34,07,240	350	1,29,08,233	313	1,40,23,452	344	11,15,219	...
	Gross estimated Expenses ...	...	...	...	...	...	...	60,66,869	147	67,31,257	165	...	...
	Net Receipts ...	...	...	...	...	...	...	68,41,364	166	72,92,195	179	4,50,831	...

(a) Return not received. (b) Total receipts from 1st to 16th April 1881. (c) Total receipts from 1st to 15th April 1882.

GOVERNMENT OF INDIA.

MILITARY DEPARTMENT.

REVIEW OF MILITARY STORES EXPENDITURE FOR 1879-80.

The following is published for general information:—

Memorandum by the Accountant General, Military Department, No. 1763, dated the 15th August, 1881.

The following review of the expenditure of stores in the Military Department is submitted to Government in compliance with the orders issued in Financial Department Resolution No. 1267, dated the 21st July 1871. The Government of India had then under consideration the control which should be exercised over the indents, estimates and accounts of stores obtained from England, and decided that in addition to the checks provided by the existing system of store account and audit, a review of the annual expenditure should be prepared:—

"9. A review of this kind should be in sufficient detail to show the amount and the increase or decrease of expenditure of each of the several classes of stores; the causes of increase or decrease in the expenditure of the several articles should be explained and their cost compared with that of previous years. Instances in which the price of the more important articles obtained from England or purchased locally has exceeded former prices should be carefully noted, and also whether any extra expense or any considerable inconvenience has been incurred from unnecessary delay in supplying stores indented for on England. If there is any reason to believe that the cost of any article has been higher than it would have been if procured in some other way, it should be stated. The additional expenditure caused by the introduction of new kinds of stores or new articles of equipment, or by changes of pattern involving the condemnation of the existing stock of old pattern, should be distinctly shown, and any possible measures of economy suggested."

2. The first of the series of store reviews submitted to Government under the foregoing orders was for the year 1874-75. The materials for the preparation of these reviews were at that time very incomplete. Reports were not received from all departments or from all presidencies, nor were such as were received prepared on any uniform system, and it was evident that improvement in the form and matter of the departmental reports would be a work of time. Subsequent experience showed the desirability of issuing precise instructions for the preparation of these reports, and in the year 1878 definite orders were issued regarding the submission of two reports for each department in each presidency—one by the administrative head of the department to be styled "Administration Report," and the other by the examiner of accounts to be styled "Financial Review."

3. The reports since received show a marked improvement, but they are still far from complete, and exhibit many inaccuracies and imperfections in points of detail, which it will take some time to remedy; the transactions of the military store departments are multifarious, and comprise issues not only for military purposes but also to civil departments, local governments, native states, municipalities, and private individuals.

4. It may be here noted that revised rules for the calculation of stock book rates of Europe stores and of stores of local production or manufacture have recently been issued, which it is hoped will tend to greater accuracy in the conclusions to be drawn from these reviews, while at the same time they will reduce and simplify the work of the account department. An improved system of factory accounts has also been introduced on the recommendation of the late special committee on ordnance, of which Major-General Napier Campbell was the president.

5. As regards the expenditure of stores during the year under review, it is necessary to state at the outset that the normal rate of expenditure has been greatly disturbed by the movement of troops from all three presidencies owing to the war. The accounts are also, it is feared, to a considerable extent, inaccurate and incomplete from the same cause, and they are, moreover, much in arrears, especially in Bengal.

6. In the early part of 1877-78 the Home Government directed that, in the existing unfavourable rate of exchange, every effort should be made to reduce the payment for stores in England by substituting articles of local

production or manufacture for articles imported from England wherever this could be done with economy and without sacrificing efficiency. With the view of further relieving the store department of the India Office of petty detail, supplementary orders were issued, authorising certain stores to be obtained locally or direct from Europe, or America, through manufacturers or private agents. These instructions have since been modified in so far that all stores required from Europe must be obtained through the India Office alone, and not through private agents or by direct negotiations with home manufacturers; but the orders regarding the substitution of local products and manufactures for imported stores continue in force.

7. During the early part of this year the Government also had under consideration the question of the utilisation for army purposes of goods manufactured in the jails, and issued orders that the jails should have preference over the local markets whenever they were prepared to furnish goods at rates equal to, or not exceeding, those demanded by local contractors or traders.

8. The two statements appended to the report show—

I.—The cash expenditure in England and in India for the five years ending 1879-80.

II.—The receipts and issues in India during the same period and the store balances at the commencement and end of each of these years.

9. The following abstracts prepared from these statements exhibit the expenditure in each department for all India:—

Cash expenditure in England and in India for the five years ending 1879-80.

Years.	Medical stores.		Malt liquor.		Commissariat stores.		Ordnance stores.		Clothing stores.		Total.		
	Home expenditure, including freight.	Indian expenditure, including freight on Europe stores.	Home expenditure, including freight.	Indian expenditure, including freight on Europe stores.	Home expenditure, including freight.	Indian expenditure, including freight on Europe stores.	Home expenditure, including freight.	Indian expenditure, including freight on Europe stores.	Home expenditure, including freight.	Indian expenditure, including freight on Europe stores.	Home expenditure, including freight.	Indian expenditure, including freight on Europe stores.	Total.
	£	£	£	£	£	£	£	£	£	£	£	£	£
1875-76 ..	63,197	28,114	271,760	41,627	46,350	112,402	480,468	238,270	235,171	11,615	1,096,946	431,928	1,528,874
1876-77 ...	79,803	29,116	240,360	75,491	49,820	103,298	505,267	188,848	254,290	8,252	1,129,040	405,005	1,534,045
1877-78 ..	51,689	43,026	164,822	96,565	25,615	135,030	555,062	187,817	357,701	7,060	1,154,889	469,504	1,624,393
1878-79 ...	59,511	43,390	121,376	92,163	35,244	118,503	264,885	261,423	218,602	5,843	699,618	516,322	1,215,940
1879-80 ...	51,228	27,481	76,552	96,783	47,180	149,612	214,759	231,426	315,164	12,708	704,883	527,916	1,232,793

Issues of Europe and Indian stores as per stock returns for the five years ending 1879-80.

Years.	Medical stores.		Commissariat stores.		Ordnance stores.		Clothing stores.		Total.		
	Europe stores.	Indian stores.	Europe stores.	Indian stores.	Europe stores.	Indian stores.	Europe stores.	Indian stores.	Europe stores.	Indian stores.	Total.
	£	£	£	£	£	£	£	£	£	£	£
1875-76	102,796	23,865	552,668	331,664	403,673	963,490	259,348	9,375	1,318,485	1,328,394	2,646,879
1876-77	96,116	23,346	469,044	387,870	499,671	972,406	210,415	9,300	1,275,246	1,392,922	2,668,168
1877-78	93,618	29,162	365,757	316,216	556,461	1,009,031	215,940	5,287	1,231,776	1,359,696	2,591,472
1878-79	87,746	33,376	310,174	301,538	601,074	1,365,053	307,244	7,035	1,306,238	1,707,702	3,013,940
1879-80	78,982	42,237	277,506	361,259	340,859	1,110,651	362,394	27,404	1,059,740	1,541,551	2,601,291

10. The figures given as the cash expenditure differ considerably from the figures given as issues in the stock returns. An explanation of the causes of this difference was given in the review for 1878-79, and for facility of reference is reproduced here:—

"The figures for the cash expenditure differ so materially from those given as issues in the stock returns that some explanation of the discrepancy seems necessary. The cash expenditure represents simply the payments made in each year for stores, and which obviously will not correspond with the consumption of stores in the same period. Moreover, the payments for stores received in one year frequently run into the accounts of the following year; and, in the case of Europe stores, even supposing that the purchases were intended for immediate consumption, the stores paid for in one year might, owing to the date of its arrival,

appear in the Indian stock accounts as the expenditure or issues of the following year. Further, in the stock accounts the stores are valued at stock-book rates, which include freight, landing, and other contingent charges, and this alone, if no other differences existed, would give divergent figures from the actual cash outlay. Again, in the case of ordnance stores, the Indian cash expenditure includes only purchases of camp equipage and of timber, coal, and other stores for arsenals, magazines, and factories; while the stock-book rates are based on valuations of the manufactured articles, which include labor and other subsidiary charges, direct and indirect, connected with the manufacture. It is thus apparent that the two sets of figures cannot correspond, even approximately."

11. The causes of increase or decrease in the expenditure of the several departments in the three presidencies are explained in detail in the latter part of this review. The following *resumé* of the course of the expenditure, the cost of the supplies and of the circumstances affecting the supply and the consumption of stores, will give a general view of the operations of the year in comparison with those of past years, following the plan indicated in the orders quoted in paragraph 1 of this report.

12. The prices paid generally for all stores, metals, &c., obtained from Europe compare favourably with the prices paid in the preceding year. The rise in the price of quinine will be noticed presently. The prices paid for local stores were also generally lower than in the previous year.

13. The supply of stores from England was made with punctuality and despatch, and no inconvenience resulted from any delay. Small purchases of Europe stores were made in the local markets to meet emergent demands on account of the war at a cost in excess of that at which they could have been imported, but this was unavoidable. The sanctioned reserves provide a sufficient margin for all ordinary requirements.

	Cash expenditure in England and in India.
	£
1875-76	91,311
1876-77	108,419
1877-78	94,715
1878-79	102,901
1879-80	88,709

14. *Medical stores.*—The total cash expenditure during 1879-80 amounted to £88,709, which, it will be observed, is considerably lower than the expenditure in the four preceding years (*vide* margin). The cash expenditure represents, however, the payments for stores made during the years and not the actual consumption of stores in those periods. The issues of stores during the same period are given in the margin. The expenditure of 1875-76 was affected by the Perak expedition and the cholera and fever epidemics in Madras; that of 1877-78 by the famine in Madras; while the expenditure of the two last years of the series has been affected by the Malta and Kabul expeditions.

Years.	Europe stores.	Indian stores.	Total.
	£	£	£
1875-76 ...	102,796	23,865	126,661
1876-77 ...	96,116	23,346	119,462
1877-78 ...	93,618	29,162	122,780
1878-79 ...	87,746	33,476	121,222
1879-80 ...	78,982	42,237	121,219

15. The greater portion of this expenditure occurs in the civil departments, the demands from which are continually increasing owing to new dispensaries being opened out every year. The expenditure of medical stores for military purposes, including issues to the value of £18,747 for the army in the field, amounted to only £58,280 out of a total expenditure of £121,219. In the preceding year (1878-79) the military expenditure amounted to £54,604, of which £16,665 was extraordinary or due to the Kabul and Malta expeditions. The expenditure would doubtless have been greater, but for the partial substitution of the cinchona febrifuge (a local preparation) for quinine. The former is now extensively used in civil dispensaries, also in native military hospitals, the issues of quinine being limited to one-fourth of the quantity required, the remaining three-fourths being made up by the cinchona febrifuge. Experiments have also been made in view of ascertaining the effect of this febrifuge on British troops, but the results obtained are not as yet of so decided a character as to justify its adoption in European hospitals.

16. The extension of the use of the cinchona febrifuge is the most important point connected with the expenditure on medical stores. The price of quinine, which ranged from £4-6-9 to £5-9-4 per lb. in 1876-77, has been rising steadily ever since that year and reached £8-15-0 per lb. in 1879-80.

The price of the febrifuge is only Rs. 20 per lb. The expenditure of quinine and of the cinchona preparations during the last four years was as follows:—

Years.	Bengal.		Madras.		Bombay.		India.	
	Quinine.	Cinchona febrifuge.	Quinine.	Cinchona febrifuge.	Quinine.	Cinchona febrifuge.	Quinine.	Cinchona febrifuge.
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
1876-77 ...	2,634	632	501	...	900	94	4,035	726
1877-78 ...	1,288	2,542	892	1,817	679	320	2,859	4,679
1878-79 ...	1,303	2,690	848	1,383	495	1,054	2,646	5,127
1879-80 ...	1,577	4,573	555	755	559	1,474	2,691	6,802

These figures show the great progress that has been made in the use of the cinchona alkaloids in place of quinine, and the large saving that has resulted in consequence.

17. The drugs, chemicals, surgical instruments and hospital appliances used in the department are mostly obtained by indent on England, but many drugs of local production are being gradually substituted for the imported articles. Several of the more important medicines of the British pharmacopœia are being cultivated in the three presidencies. Many of the indigenous drugs are being tried in the Calcutta hospitals and elsewhere to ascertain their therapeutic value. Considerable progress has also been made in the local manufacture of the simpler kinds of surgical instruments and in the repair of old instruments; and when the manufactories at the medical store depôts have been properly equipped, further progress in this direction may be looked for. The gain resulting from these measures has not been estimated in all three presidencies, but the reports received from Bombay show that a gain of about Rs. 9,584 resulted from the manufacture at the store depôt of medicines and instruments hitherto obtained from England, and a gain of about Rs. 30,902 from the substitution of indigenous drugs for those hitherto imported.

18. In any comparison of the cost of imported and local supplies it must prominently be borne in view that imported supplies involve the maintenance of reserves, extra storage accommodation and establishments, and a certain amount of waste and deterioration, so that, even if the rates of local supplies are slightly higher than those of imported stores, the former will still be the most economical.

19. *Malt liquor and commissariat stores.*—The cash expenditure in England and in India on account of malt liquor is given in the margin, and shows a considerable decrease in the year under review. The large reduction in the home expenditure, and the increase in the Indian expenditure, were due to the more extended use of hill beer in the Bengal Presidency, the particulars of which will be noticed further on. The expenditure of malt liquor during the last two years was, however, seriously disturbed by the movement of troops to Afghanistan, as malt liquor is not issued to troops on the line of march.

Years.	Expenditure in England.	Expenditure in India.	Total.
	£	£	£
1875-76 ...	271,760	41,527	313,287
1876-77 ...	240,360	75,491	315,851
1877-78 ...	164,822	96,565	261,387
1878-79 ...	121,376	92,163	213,539
1879-80 ...	76,552	96,783	173,335

20. The cash outlay for commissariat stores (*vide* margin) shows a considerable increase owing to the supplies required for the war. Some of these supplies were of an unusual character owing to the nature of the field of operations, namely, horse biscuits, portable food, German meat biscuits, compressed vegetables, consolidated soups, and the like.

Years.	Expenditure in England.	Expenditure in India.	Total.
	£	£	£
1875-76 ...	46,350	112,402	158,752
1876-77 ...	49,820	103,298	153,118
1877-78 ..	25,615	135,030	160,645
1878-79 ...	35,244	113,503	148,747
1879-80 ...	47,180	149,512	196,692

21. The issues from stock are given in the margin, but these figures are of little use in reviewing the store expenditure, as they do not represent the entire expenditure of the department, but only of such articles as are kept in stock. These again vary considerably, as in times of scarcity, or anticipated scarcity, certain articles not ordinarily kept in stock are laid in as a measure of economy, or even necessity, for the purpose of feeding troops, horses, and cattle. Articles issued direct by contractors to the troops are not included, as they are not passed through the store books.

Years.	Europe stores.	Indian stores.	Total.
	£	£	£
1875-76 ...	552,668	331,664	884,332
1876-77 ...	469,044	387,870	856,914
1877-78 ...	365,757	316,216	681,973
1878-79 ...	310,174	301,538	611,712
1879-80 ...	277,505	361,259	638,764

22. The large increase of late years in the use of locally brewed malt liquor is a prominent feature in the expenditure of this department in the Bengal presidency, and there are grounds for hoping that in course of time the supply for the Madras army may also be procured locally. The hill beer is generally liked and in some cases preferred by the troops to English beer. The indents on England for malt liquor for the Bengal presidency have in consequence been much reduced in recent years. In 1880-81 no malt liquor was required from home for the Bengal presidency, and the demands on England for 1881-82 and 1882-83 amount to only 12,400 and 7,300 hogsheads respectively.

23. A three years' contract (for the years 1880, 1881 and 1882) was entered into with the local brewers for the supply of malt liquor at the stations of—

Agra.	Muttra.
Agra Fort.	Ranikhet.
Fatehghur.	Umballa.
Delhi.	Chakratta.
Roorkee.	Kasauli.
Landour.	Dagshai.
Amritsur	Jutogh.
Meerut.	Kangra.
Subathoo.	Bhagsu.
Solon.	Meean Meer.
Simla.	Dalhousie.
Jullundur.	Mooltan.
Bareilly.	Dera Ismail Khan.
Shajehanpur.	Sialkot.
Moradabad.	Rawul Pindi.
Sitapur.	Murree.
Naini Tal.	Campbellpore.
Morar.	Peshawar.
Fort Gwalior.	Nowshera.
Jhansi.	Attock.
Ferozepore.	

The total quantity to be supplied in the three years is 97,750 hogsheads.

24. The prices paid in England for malt liquor for the three presidencies and the charges for freight are as follows:—Bengal, price £ 2-2-11 per hogshead of ale in 1879-80 against £2-13-0 in 1878-79; freight £0-5-10 per hogshead in 1879-80 against £0-4-9¾ in 1878-79; Madras, price £2-7-6 per hogshead of ale in 1879-80 against £ 2-14-6 in 1878-79; freight £ 0-10-9 in 1879-80 against £0-13-3½ in 1878-79; Bombay, price £2-8-4 per hogshead of porter in 1879-80, and freight £0-9-8.

25. The higher prices paid for malt liquor for Madras and Bombay are due to the period of shipment for those presidencies, the brewers charging more for malt liquor which they have to keep in stock for some time after the brewing season is over. The higher freights charged for shipments to those presidencies is due to the average rates for Madras and Bombay including despatches to Cannanore, Rangoon, Kurrachee and Aden, for which ports high rates are charged by shipowners, while the malt liquor for Bengal is all consigned to Calcutta, for which port favourable rates of freight are always available.

26. The rates for hill beer include the cost of carriage to canteens, the supply being made direct to regiments. The saving from its use varies with

the rate of exchange and with the prices paid for malt liquor in England. The saving on the quantity 97,750 hogsheads contracted for was originally estimated at about 13 lakhs of rupees, but the price of English malt liquor has since fallen considerably, and the saving at present rates would amount to about 3¼ lakhs of rupees.

27. Rum is supplied in Bengal by Messrs. Carew and Co., of Rosa Factory, Shajehanpur, at the rate of Rs. 1-3-0 per imperial gallon, including the cost of casks, and also including carriage to certain points on the line of railway. In Madras, by Messrs. Binny and Co., at Rs. 1-1-3 per gallon against Rs. 1-1-7 in the preceding year. In Bombay, by Messrs. Carew and Co., the Bengal contractors, at Rs. 1-7-0 per gallon delivered free of carriage at most stations against Rs. 1-7-8 in 1878-79.

28. As remarked in last year's report, an important change was made during 1878-79 in the system of supply of malt liquor and rum to British troops in India, with a view to discouraging the use of alcoholic drinks in the army, and generally of improving the *morale* of the soldier by reposing greater trust in his common sense and self-respect.

29. The following figures, showing the consumption of malt liquor and rum in the three presidencies, will indicate the effects of the new canteen system :—

Years.	Malt liquor per man per diem.			Rum per man per diem.		
	Bengal.	Madras.	Bombay.	Bengal.	Madras.	Bombay.
	Pints.	Pints.	Pints.	Drams.	Drams.	Drams.
1877-78	1·44	1·59	1·5	·55	·65	·47
1878-79	1·45	1·66	1·4	·50	·37	·47
1879-80	1·63	1·75	1·44	·49	·22	·30

30. In the Madras presidency, where the new system has been generally introduced, the consumption of rum has decreased by about two-thirds, while malt liquor has increased by only about 10 per cent.

In Bengal and Bombay the new system was only in partial operation during 1879-80; and although a slight decrease is shown in the consumption of rum and a slight increase in malt liquor, these figures must be taken with reserve, as the expenditure in those presidencies was considerably affected by the movement of troops on service, when rum only was issued, and this accounts for the increased receipts for rum as shown in the following paragraph. The experiment thus far, however, continues to work very satisfactorily.

31. In the following statement is shown the receipts obtained from the sale of malt liquor and rum in the three presidencies during the last five years :—

Years.	Bengal.		Madras.		Bombay.		India.	
	Malt liquor.	Rum.	Malt liquor.	Rum.	Malt liquor.	Rum.	Malt liquor.	Rum.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1875-76 .	18,99,169	4,71,642	5,80,741	1,28,489	5,53,002	1,51,969	30,32,912	7,52,100
1876-77 ...	18,59,915	4,18,156	5,37,646	1,28,114	5,16,944	1,39,275	29,14,505	6,85,545
1877-78 ...	17,44,866	3,57,953	5,26,209	1,19,640	5,28,792	1,27,450	27,99,867	6,05,043
1878-79 ...	16,06,556	3,24,148	6,81,285	76,940	5,14,523	1,14,489	28,02,364	5,15,577
1879-80 .	15,70,312	4,17,442	7,38,601	51,667	6,09,852	77,054	29,18,855	5,46,163

32. The sale of beer at 3 annas the quart under the former system of supply entailed a heavy annual loss to the State, as that price did not cover the cost of the liquor including incidental charges, sea and inland transport, &c. The increase of the price to 4 annas a quart raises the receipts by 33 per cent., so that, adopting Rs. 29,15,761 as the average annual receipts from the sale of malt liquor during the three years preceding 1878-79, the saving effected by the introduction of the new canteen system may be estimated at Rs. 9,71,290 per annum.

33. With one or two trifling exceptions, *Indian* tea is used at all stations in India. In Bengal, it was obtained at an average rate of annas 8-6¼ per lb. against annas 8-1½ pie in 1878-79; in Madras, at annas 9 per lb. against

annas 9-3 in 1878-79; and in Bombay, at annas 9-11 per lb. against annas 10-4 in 1878-79.

34. *Ordnance stores.*—The cash expenditure in England and in India, and the issues from stock in India, are shown in the following statement:—

Years.	Cash expenditure.			Issues from stock.		
	In England.	In India.	Total.	Europe stores.	Indian stores.	Total.
	£	£	£	£	£	£
1875-76	480,468	238,270	718,738	403,673	963,490	1,367,163
1876-77	505,267	188,848	694,115	499,671	972,406	1,472,077
1877-78	555,062	187,817	742,879	556,461	1,009,031	1,565,492
1878-79	264,885	261,423	526,308	601,074	1,365,653	1,966,727
1879-80	214,759	231,426	446,185	340,859	1,110,651	1,451,510

35. The large increase during the last two years in the expenditure of Indian stores was due chiefly to large purchases of tents and other requirements in connection with the campaign. The very large reduction in the issues of Europe stores was due to the exceptionally heavy expenditure on changes of equipment,—the issue of Martini-Henry rifles to British troops, Sniders to Native troops, substitution of rifled guns for smooth-bores in the artillery, &c.,—having been mainly completed in the previous years.

36. There is still, however, a considerable expenditure to be incurred in guns, carriages, and ammunition for the armaments of forts in India, but it may be hoped that the expenditure on ordnance stores may continue at the reduced figure in the year under review, or even at a still lower rate, and that the exceptionally heavy expenditure of the previous years will not be repeated. There is a constantly recurring expenditure, of which no doubt much is absolutely necessary, owing to the frequent changes, alterations and additions of equipment which take place every year. On this point it seems desirable to reproduce here an extract from the store review of 1876-77.

'Changes are of course necessary, more especially at home, to keep the army in an equally efficient state with the armies of other powers, and even to put it in a better position in that respect, so that superiority of arms and equipment may compensate for inferiority of numbers.

'The annexed extract from a report by a Committee of the House of Commons puts the question very clearly and forcibly, and is quoted here to show the necessity for a careful scrutiny of all proposals for change:—

"Para. 59. The defences of the Thames were re-armed about eight years ago; they are being re-armed again, and some of the former guns have never been mounted during the period between the changes. Reserves of naval stores have been returned from foreign stations, new, but quite obsolete.

"60. The progress of scientific discovery and invention renders a certain amount of waste and loss in this way unavoidable. The important question, however, remains for consideration whether, in some cases, what may appear to be a promising novelty, in the shape of a new pattern, is not too hastily adopted, and a large expenditure involved by a department which a very brief experience might prove to have been altogether unnecessary. Such a case would appear to have been in the mind of the late Controller of the Navy, who, when before the Committee, stated that on one particular occasion several hundreds of a particular pattern of gun were manufactured for the gunboats in the navy, not one of which was mounted.

"61. In the Clothing Department of the Army, the continuous change of patterns is complained of as a serious addition to the cost."

'It is the more necessary to draw special attention to this point, as proposals for changes of equipment, pattern, &c., are often unaccompanied, and in some cases necessarily so, by any very accurate estimate of cost, and are not therefore subjected to the same strict scrutiny as proposals for extra establishments, pay, &c., where the element of cost is brought into more direct prominence.'

37. These views are confirmed by the following extract from a letter addressed to the Government of Madras by Sir Neville Chamberlain, the Commander-in-Chief in that presidency, in connection with the question of the abolition of the saddle contract fund in the Madras cavalry:—

"Should Government entertain this measure, it will, of course, be necessary for all new saddles, as required, to be furnished by the State, but His Excellency believes this to be preferable to the course now pursued, for circumstances have come under his knowledge to show that saddles condemned by another branch of the service as being of obsolete pattern have been bought up as serviceable saddles for the light cavalry.

"It is the opinion of Sir Neville Chamberlain that throughout the mounted branches of the service, on the introduction of a new pattern of equipment, much money has been wasted by allowing equipment in use, whether serviceable or not, to be condemned wholesale, merely to admit of uniformity, instead of the new pattern being introduced by degrees as the old became unserviceable. His Excellency feels sure no continental nation would ever attempt to encounter the cost of such a system."

38. The substitution of brown leather for buff accoutrements for the Native army in India is expected to result in a considerable saving of expenditure, as the brown leather can be manufactured in India at a cost of about 10 annas per lb., while the buff leather has to be procured from England at a cost of about Rs. 2 per lb. The question of its further introduction for the British army in India is still under consideration. Indian-made leather belting for driving machinery is now used in all Government mills and factories in place of imported belting.

39 The new equipment regulations for the army and the code of regulations for the ordnance department, sanctioned on the recommendations of the special committee on ordnance, will effect a considerable reduction in the reserves of ordnance stores hitherto kept up, especially in small arm ammunition, guns, carriages and ordnance ammunition. A reduced scale of siege trains and ammunition was prescribed during the year.

40. During the year Rs. 55,000 was paid to Mr. Morris for his invention, by which the metal cases of fired ball cartridges are utilised for the local manufacture by regiments of blank cartridges, hitherto supplied from the small arm ammunition factories. The saving by the use of this invention is estimated at Rs. 1,20,000 per annum for all India.

41. Under the orders of Government in the Financial Department, stores issued to civil departments, except for such services as are paid out of provincial revenues, are now written off the books of the Military Department without any corresponding credit from the civil department. The effect of this change is to cause a considerable diminution in the army receipts and in the civil charges.

42. *Clothing stores.*—The cash expenditure and the issues from stock in India of clothing stores were as follows :—

Years.	Cash expenditure.			Issues from stock.		
	In England.	In India.	Total.	Europe stores.	Indian stores.	Total.
	£	£	£	£	£	£
1875-76 ...	235,171	11,615	246,786	259,348	9,375	268,723
1876-77 ...	254,290	8,252	262,542	210,415	9,300	219,715
1877 78 ...	357,701	7,066	364,767	215,940	5,287	221,227
1878-79 ...	218,602	5,843	224 445	307,244	7,035	314,279
1879-80 ...	315,164	12,708	327,872	362,394	27,404	389,798

43. The expenditure of clothing stores in the alternate years of cloth and serge manufacture does not ordinarily vary to any great extent. The increased expenditure of the last two years was due to large quantities of warm clothing having been made up for troops and followers in Afghanistan. The large increase in the consumption of Indian stores was due to emergent purchases in the local markets on account of the war, and not to any extended utilisation of local products and manufactures, for it was found that neither the jail nor the other local manufactures were able to compete either in quality or in price with imported stores.

44. Almost the whole of the stores are obtained from England, the local supplies consisting chiefly of packing materials and small miscellaneous stores.

45. The machine-made boots sent out from England were again reported to have worn badly, and had in some cases to be replaced by a fresh supply of hand-made boots. The imported knee-boots having been found to deteriorate very rapidly, owing, it was believed, to the nature of the dye used, it has been decided to send them out, of brown leather, uncolored.

46. *Marine stores.*—The expenditure is reviewed in some little detail in the latter portion of this review. The accounts were kept under a somewhat incomplete system in previous years, and are still in a transition state. The imported marine stores consist of metals, paints, canvas, oils, ropes (partially), coal (partially , chain cables, &c., while the local stores consist of timber, coals, ropes, &c.

G. CHESNEY, *Colonel,*
Secretary to the Government of India.

I.

Statement shewing the cash expenditure on Stores in England and in India during the years 1875-76 to 1879-80, for each of the several Military Departments in the three Presidencies.

Departments.		Bengal.			Madras.			Bombay.			India.		
		Home expenditure, including freight.	Indian expenditure, including freight on Europe stores.	Total.	Home expenditure, including freight.	Indian expenditure including freight on Europe stores.	Total.	Home expenditure, including freight.	Indian expenditure, including freight on Europe stores.	Total.	Home expenditure, including freight.	Indian expenditure including freight on Europe stores.	Total.
		£	£	£	£	£	£	£	£	£	£	£	£
Medical	1875-76	26,414	19,787	46,201	22,045	3,496	25,541	14,738	4,831	19,569	63,197	28,114	91,311
	1876-77	45,810	19,840	65,650	21,962	3,761	25,723	11,531	5 515	17,046	79,303	29,116	108,419
	1877 78	28,571	32,871	61,442	12,056	3,908	15,964	11,062	6,247	17,309	51,689	43,026	94,715
	1878-79	24,936	28,324	53,260	23,264	4,310	27,574	11,311	10,756	22,067	59,511	43,390	102 901
	1879-80	15,537	22,934	38,471	26,193	4,150	30,343	9,498	10,397	19,895	51,228	37,481	88,709
Malt Liquor	1875 76	181,703	41,527	223,230	50,197	...	50,197	39,860	... ..	39,860	271,760	41,527	313,287
	1876-77	135 517	75,491	211 0 8	59,302	...	59,302	45,541	.....	45,541	240,360	75,491	315,851
	1877-78	62,959	96,539	159,498	55,593		55,593	46,270	26	46,296	164,822	96,565	261,387
	1878-79	51,512	91,812	143,324	41,760	296	42,056	28,104	55	28,159	121,376	92,163	213,539
	1879-80	4,836	93,695	98,531	41,751	60	41,811	29,965	3,028	32,993	76,552	96,783	173,335
Commissariat	1875-76	13,797	70,267	84,064	23 611	38,686	62,297	8,942	3,449	12,391	46,350	112,402	158,752
	1876-77	32,557	48,512	81,069	10,153	44,507	54,660	7,110	10,279	17,389	49,820	103,298	153,118
	1877 78	12,035	63,154	75,189	6,675	60,958	67,633	6,705	10,918	17,623	25,415	135,030	160,645
	1878 79	17,239	43,122	60,361	7,313	59,776	67,089	10,692	10,605	21,297	35,244	113,503	148,747
	1879-80	23,493	69,294	92,787	18,701	70,750	89,451	4,886	9 568	14,454	47,186	149,512	196,692
Ordnance	1875-76	293,851	129,841	424,692	71,857	29,091	100,948	114,760	79,338	194,098	480,468	238,270	718,738
	1876 77	277,961	98,582	376,543	88,423	19,724	108,147	139,883	70,542	209 425	505,267	188,848	694,115
	1877-78	260,274	112,447	372,721	133,286	28,242	161,528	161 502	47,128	208,630	555,062	187,817	742,879
	1878-79	137,601	143,025	280,626	55 962	42,350	98,312	71,322	76,048	147,370	264,885	261,423	526 308
	1879 80	95,358	140,376	235,734	41,470	28,010	69,480	77,931	63,040	140,971	214,759	231,426	446,185
Clothing	1875 76	148,400	5,896	154,296	47,762	1,467	49,229	39 009	4,252	43,261	235,171	11,615	246,786
	1876-77	149,485	5 825	155,310	60,082	2,198	62,280	44 723	229	44,952	254,290	8,252	262,542
	1877-78	216,742	4,835	221,577	78 843	1,910	80,753	62,116	321	62 437	357,701	7,066	364,767
	1878-79	130,728	2 288	133,016	43,854	2,805	46,659	44 020	750	44 770	218,602	5,843	224,445
	1879-80	205,307	9,808	215,115	61,286	2,453	63,739	48,571	447	49,018	315,164	12,708	327,872
Total of all Departments	1875 76	664,165	267,318	931,483	215,472	72,740	288,212	217,309	91,870	309,179	1,096,946	431,928	1,528,874
	1876-77	641,330	248,250	889,580	230,022	70,190	310,112	247,788	86,546	334,353	1,129,040	405,005	1,534,045
	1877-78	580,581	309,816	890,427	286,658	95,018	381,671	287,655	64 640	35 ,295	1,154,-89	469,504	1,624,393
	1878-79	362,016	308,571	670,587	172,153	109,537	281,690	165,449	98,214	263,663	699,618	516,322	1,215,940
	1879 80	344,531	336,107	680,638	189,401	105,423	294,824	170,951	86,380	257,341	704,883	627,910	1,232,793
Marine	1875-76	30,632	...	30,632	...	...	...	35,409	.	35,409	66,041		66,041
	1876-77	31,750	..	31,750	..	...	...	27,890	23,916	51,806	59,640	23,916	83,556
	1877 78	23 098	...	23, 98	...	...	...	11,198	23,240	34,438	34,296	23,240	57,536
	1878-79	14,688	...	14,688	...	...	...	6,382		6 382	21,070		21 070
	1879-80	25,599	13,315	38,9 4	...	...	...	24,452	18,950	43,432	50,081	32,265	82,346

II.

Statement shewing the receipts and issues of Home and Indian Stores during the years 1875-76 to 1879-80 in the several Military Departments in the three Presidencies, also the store balances at the commencement and end of the periods.

Departments.			Balance on 1st April of each year.		Receipts.		Issues.		Balance on 31st March of each year.	
			Europe Stores.	Indian Stores.	Europe Stores.	Indian Stores.	Europe Stores.	Indian Stores.	Europe Stores.	Indian Stores.
			£	£	£	£	£	£	£	£
Medical	Bengal	1875-76	115,419	3,697	48,834	10,685	55,042	11,215	110,241	3,167
		1876-77	110,241	3,167	65,596	10,206	50,253	9,615	125,585	3,758
		1877-78	125,585	3,758	39,636	16,816	45,533	13,194	119,688	7,380
		1878-79	119,688	7,380	36,098	18,577	44,182	15,335	111,604	10,622
		1879-80	111,604	10,622	20,280	18,945	39,427	20,902	92,457	8,665
	Madras	1875-76	26,645	2,287	38,298	4,029	23,421	3,952	41,562	2,364
		1876-77	41,562	2,364	14,1 8	2,934	20,555	2,675	35,165	2,623
		1877-78	35,165	2,623	34,846	3,170	30,519	3,891	39,492	2,302
		1878-79	39,492	2,202	2',031	5,750	24,538	4,799	36,985	3,153
		1879-80	36,985	3,153	35,855	6,278	19,754	5,466	53,086	3,965
	Bombay	1875-76	44,134	2,779	18,897	10,388	24 333	8 698	38,698	4 469
		1876-77	38,698	4,469	19,196	11,356	25,309	11,056	32,585	4,769
		1877-78	32,585	4,769	15,328	12,130	17,566	12,077	30,347	4,822
		1878 79	30,347	4,822	18,126	15 158	19,026	13,312	29,447	6,638
		1879-80	29,447	6 638	15,377	16,701	19,8 1	15,869	25,023	7,470
Commissariat	Bengal	1875-76	296,837	213,063	342,406	247,53	372,594	234,225	266,649	226,370
		1876-77	266,649	226,370	295,418	176,341	281,779	2 7,461	280,288	195,250
		1877-78	280,288	195,250	251,633	254,708	224 752	227,8 6	307,119	222,082
		1878-79	307,169	222,082	104,375	219,821	1 1,7 9	224,429	220,705	217,484
		1879 80	229,795	217,484	94,213	300,682	15 889	273,828	164,119	244,338
	Madras	1875 76	90,442	112,170	93,324	45,192	98 881	40,701	84,883	116,661
		1876 77	84,883	116 661	84,380	34 837	121,267	121,062	47,996	30,436
		1877-78	47,996	30,436	65,564	30,703	68,319	42,845	45,209	18 294
		1878 79	45,209	18, 94	53,462	31,701	6 ,345	21,305	33,326	28,780
		1879-80	33,326	28,780	49 608	22,483	56 681	30,212	26,303	21,061
	Bombay	1875-76	96,084	36,725	78 803	54,201	81,191	56,738	94,696	34,188
		1876-77	94,696	34,188	53,593	45,750	65,998	59,147	81,260	20,591
		1877-78	81,260	20,591	58 656	45,840	72,866	45,195	67,290	20,936
		1878-79	67,290	2 ,936	41,210	57,221	63,980	55,804	45,120	22,353
		1879-80	45,420	22,353	43,576	54 564	60,985	57,229	28,011	19,688

II —continued.

Statement shewing the receipts and issues of Home and Indian Stores, &c.—contd.

Departments.			Balance on 1st April of each year.		Receipts.		Issues.		Balance on 31st March of each year.	
			Europe Stores.	Indian Stores.	Europe Stores.	Indian Stores.	Europe Stores.	Indian Stores.	Europe Stores.	Indian Stores.
			£	£	£	£	£	£	£	£
ORDNANCE.	Bengal	1875-76	1,203,539	1,228,532	175,881	464,454	169,795	442,916	1,209,625	1,250,070
		1876-77	1,209,625	1,250,070	298,414	695,176	213,501	457,257	1,294,538	1,487,989
		1877-78	1,294,538	1,487,989	381,267	482,237	248,814	506,981	1,426,991	1,463,845
		1878-79	1,426,991	1,463,845	153,985	667,003	229,472	719,057	1,351,504	1,411,791
		1879-80	1,351,504	1,411,791	158,159	703,875	168,704	709,759	1,340,959	1,405,907
	Madras	1875-76	693,090	425,763	111,534	149,784	108,379	130,576	696,245	444,971
		1876-77	696,245	444,971	114,769	123,365	138,136	153,942	672,878	414,394
		1877-78	672,878	414,394	184,729	178,731	192,342	168,814	665,265	424,311
		1878-79	665,265	424,311	109,242	227,145	126,885	198,564	647,622	452,892
		1879-80	647,622	452,892	75,613	167,708	94,431	160,829	628,804	459,771
	Bombay	1875-76	647,594	597,741	137,428	403,178	125,499	389,998	659,523	610,921
		1876-77	659,523	610,921	189,943	398,757	148,034	261,207	701,432	638,471
		1877-78	701,432	638,471	140,165	339,950	115,305	333,836	726,292	643,685
		1878-79	726,292	643,685	158,257	389,716	244,717	448,032	639,832	585,369
		1879-80	639,832	585,369	112,836	225,536	77,724	240,063	674,944	570,842
CLOTHING.	Bengal	1875-76	141,702	514	137,801	6,220	151,465	5,941	128 038	793
		1876-77	128,038	793	100,675	6,351	111,928	6,705	116,785	439
		1877-78	116,785	439	166,058	3,498	122,000	3,392	160,843	545
		1878-79	160,843	545	166,438	1,183	201,388	1,882	125,893	346
		1879-80	125,893	346	244,302	9,055	257,197	7,486	112,998	1,915
	Madras	1875-76	66,825	1,797	48,271	1,600	53,842	2,141	61,254	1,256
		1876-77	61,254	1,256	52,053	1,949	50,016	1,491	63,291	1,714
		1877-78	63,291	1,714	66,608	1,958	49,635	1,598	80,264	2,074
		1878-79	80,264	2,074	38,731	2,647	50,273	2,899	68,722	2,822
		1879-80	68,722	2,822	56,938	1,990	57,420	1,836	68,240	2,485
	Bombay	1875-76	47,741	581	44,261	841	54,041	1,293	37,961	129
		1876-77	37,961	129	39,834	1,236	48,471	1,104	29,324	261
		1877-78	29,324	261	57,707	139	4[illegible]305	297	42,726	103
		1878-79	42,726	103	59,119	3,545	55,588	3,254	46,262	394
		1879-80	46,262	394	41,081	18,122	47,777	18,082	39,566	434
TOTAL OF ALL DEPARTMENTS.	Bengal	1875-76	1,757,527	1,445,806	705,922	728,891	748,896	694,297	1,714,553	1,480,400
		1876-77	1,714,553	1,480,400	760,103	888,074	657,460	681,038	1,817,196	1,687,436
		1877-78	1,817,196	1,687,436	838,594	757,269	641,099	750,843	2,014,691	1,693,852
		1878-79	2,014,691	1,693,852	460,896	906,594	656,791	960,203	1,818,796	1,640,243
		1879-80	1,818,796	1,640,243	516,954	1,032,557	625,217	1,011,975	1,710,533	1,660 825
	Madras	1875-76	877,042	542,017	291,427	200,605	284,525	177,370	884,944	565,252
		1876-77	883,944	565,252	265,360	163,085	329,974	279,170	819,330	449,167
		1877-78	819,330	449,167	351,745	214,862	340,845	217,148	830,230	446,881
		1878-79	830,230	446,881	223,466	267,333	267,041	227,067	786,655	487,147
		1879-80	786,655	487,147	218,014	198,468	228,236	198,333	776,433	487,282
	Bombay	1875-76	835,553	637,826	279,399	468,608	285,064	456,727	829,878	649,707
		1876-77	829,878	649,707	302,565	447,099	287,812	432,714	844,631	664,092
		1877-78	844 631	664,092	271,856	397,159	249,832	391,705	866,655	669,546
		1878-79	866,655	669,546	276,712	465,640	382,406	520,432	760,961	614,754
		1879-80	760,961	614,754	212,870	314,923	206,287	331,243	767,544	598,434
	Total	1875-76	3,470,122	2,625,640	1,276,788	1,398,104	1,318,485	1,328,394	3,428,375	2,695,359
		1876-77	3,428,375	2,695,359	1,328,028	1,498,258	1,275,246	1,392,922	3,481,157	2,800,695
		1877-78	3,481,157	2,800,695	1,462,195	1,369,280	1,231,776	1,359,696	3,711,576	2,810,279
		1878-79	3,711,576	2,810,279	961,074	1,639,567	1,306,238	1,707,702	3,366,412	2,742,144
		1879-80	3,366,412	2,742,144	947,838	1,545,948	1,059,740	1,541,551	3,354,510	2,746,541
MARINE.	Bengal	1875-76	126,040	5,880	15,720	45,710	29,220	44,970	121,540	6,620
		1876-77	121,540	6,620	14,759	29,449	26,472	29,712	109,827	6,357
		1877-78	109,827	6,357	25,388	30,143	35,554	29,504	99,661	6,996
		1878-79	99,661	6,996	16,694	34,600	26,462	36,583	89,893	5,013
		1879-80	89,893	5,013	38,358	57,253	2,876	39,292	125,375	22,974
	Bombay	1875-76	183,664		55,275		66,277		217,662	
		1876-77								
		1877-78								
		1878-79	146,609	26,053	39,996	80,561	47,023	75,391	139,582	31,223
		1879-80	139,582	31,223	33,555	33,174	44,587	48,897	128,550	15,500

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

CIVIL WORKS.

Irrigation.

REVENUE REPORT OF IRRIGATION WORKS IN RAJPUTANA FOR THE YEAR 1880-81.

Nos. 124-132 I., dated Simla, the 26th April 1882.

RESOLUTION—By the Government of India, Public Works Department.

Read—

Letter No. 2826S., dated 14th November 1881, from the Agent, Governor General, and Chief Commissioner, Rajputana, and its enclosures, the Revenue Report, and a Memorandum on the Report by the Chief Commissioner.

OBSERVATIONS.—The rainfall of 1880 in Ajmir and Merwara was, on the whole, below the average and unfavorable for purposes of storage. Although more or less rain fell during each of the months of July, August, and September, the intervals between the falls were occasionally very long, and only 14 falls were registered of more than 2" in 24 hours. As the supply of the tanks is entirely dependent on heavy or continuous rain, they were only partially filled, and the small amount of water which was stored was still further reduced by the necessity for irrigating the "kharif" crops. The supply was therefore quite insufficient to meet the demand during the "rabi."

2. The direct outlay on Capital Account during the year under review amounted to Rs. 13,239, and the total direct outlay on Capital to the end of the year was Rs. 14,37,033. The total Capital outlay to end of the year, including all direct and indirect charges, amounted to Rs. 14,93,470.

3. The gross revenue assessed amounted to Rs. 79,434 during 1880-81, the average of the two previous years having been Rs. 89,795, the working expenses, inclusive of indirect charges, amounted to Rs. 40,635, the average of the two previous years having been Rs. 59,879, including all charges.

4. The net profit from the *assessed* revenue amounted therefore to Rs. 38,799, or very nearly 2½ per cent. on the total Capital outlay of all kinds to the end of the year. If the Revenue *receipts* for the year 1880-81 be taken into consideration instead of the assessments, the net profit amounted to Rs. 53,809*, or 3·6 per cent. on the Capital outlay to the end of the year. The low returns upon outlay are due to the comparatively unprofitable character of the new tanks, for the net assessed revenue of the old tanks during 1880-81 amounted to Rs. 45,004,† or 5·91 per cent. on the Capital outlay of Rs. 7,61,138, while the working expenses of the new tanks exceeded the gross assessed revenue by Rs. 6,205.‡

1880-81.	Rs.
* Revenue receipts	94,444
Working expenses	—40,635
	53,809

OLD TANKS, 1880-81	Rs.
† Gross assessed revenue, direct and indirect	77,066
Working expenses	32,062
	45,004

NEW TANKS.	Rs.
‡ Gross assessed revenue, direct and indirect	2,368
Working expenses	8,573
	—6,205

5. Although the benefit to the country resulting from the construction of these tanks must not be measured entirely by the returns shown in a Revenue Report, yet the figures given in the conclusion of the preceding paragraph point to the necessity of keeping down establishment charges as much as possible. The parallel instituted in the note of the Superintending Engineer between the establishment charges of the irrigation tanks in Ajmir and Merwara and those of the Ganges and Eastern Jumna canals cannot be admitted as sound, because the maintenance of the works and water-supply, the distribution of the water, and measurement and assessment of irrigated land are incomparably more difficult and complicated on the latter than on the former class of works, and no fair comparison can be drawn between them in respect of the establishment required for efficient maintenance and control.

6. Observations should be continued on the effect of the new tanks on the spring level in the neighbouring wells. The standard of comparison adopted in paragraph 34 of the Commissioner's Report (the area irrigated from the wells) is an excellent practical test of the benefit derived, but, as other causes than the spring level in a well might affect the area irrigated from it, direct measurements of the water level should also be made.

ORDER.—Ordered, that a copy of this Resolution be forwarded to the Agent, Governor General, and Chief Commissioner, Rajputana, for information and guidance.

Also, that copy of the Resolution and of the Report be forwarded to the Governments of Madras, Bombay, Bengal, North-Western Provinces and Oudh, and to the Punjab, in the Public Works Department, for information.

Also, that a copy of the Resolution and of the Report be forwarded to the Revenue and Agricultural Department and to the Department of Finance and Commerce for information.

Also, that the Resolution and Memorandum by the Agent, Governor General, together with the statement of general financial results compiled by the Examiner of Public Works Accounts, be published in the Supplement to the *Gazette of India*.

Ordered further, that a copy be forwarded to Her Majesty's Secretary of State for India for information.

HENRY A. BROWNLOW, *Colonel, R.E.*,
Deputy Secretary to the Govt. of India.

Memo. by Colonel C. K. M. WALTER, Officiating Chief Commissioner, Jeypore, on the Ajmir and Merwara Irrigation Revenue Report, 1880-81.—Dated 17th November 1881.

As this Report refers to a period prior to my advent to officiate as Chief Commissioner, and as it has reached me very late (22nd October), I shall only briefly notice one or two points in the Commissioner's Report.

2. In paras. 28 and 29 of the Report a lengthy reference is made to the remarks of my predecessor. The Government of India had asked* for an early report on "the actual number of wells the supply in which is wholly or mainly dependent on the tanks." In the Revenue Report of last year the Commissioner gave a statement which he introduced in the following language:—

* Public Works Department Nos 409—171., dated 17th December 1879.

"The following statement purports to give the number of wells and irrigated area which is supposed to have benefited by the construction of the new large tanks only. It is prepared by the Superintendent of Irrigation, and I give it for what it is worth, but I am not prepared to endorse it as correct. The new Ladpura tank will most likely benefit, by percolation, the 39 new wells constructed below that dam, but without the tank the wells would probably have existed and have done well. The reason for their construction is quite independent of the tank, and no one can possibly apportion the benefits which they have and will derive from the accidental situation of the tank."

3. The tone of the paragraph was not calculated to inspire a belief in the accuracy either of the statements or conclusions. When therefore the Commissioner said that "without the tank the wells would probably have existed," and at the same time gave no reason for the conclusion, the Chief Commissioner very naturally remarked that in the absence of any reasons he did not attach much weight to it.

4. The Commissioner now gives his reasons; I cannot say they are conclusive. It appears to me equally probable that if the conditions favorable to the construction or existence of a tank had not been present, these wells would not have been constructed even with the assistance given. And under any circumstances that these wells have benefited by the construction of the tank, is a point about which there is not, so far as I know, the slightest doubt.

5. In Commissioner's para. 32, he has assumed that the Chief Commissioner, in his last year's memorandum, overlooked the order quoted in the margin of that paragraph. I cannot discover the smallest grounds for this assumption. In the discussion on rules regarding the management of new tanks, the order was never lost sight of; indeed new tank rule 27 was a direct consequence of that concession. In recent time the order was alluded to in connection with the proposed Mohamee Tank.

6. I am aware that it is not desirable in an annual administration report to allude to any subject not directly connected with the transaction of the year under review. The Commissioner's attention will be again directed to the rule on the subject.

RAJPUTANA PROVINCE.

IRRIGATION BRANCH.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1880-81.

No. 1.—General Abstract of Financial results showing the estimated cost of construction of Irrigation and Navigation Works, the Capital outlay thereon, the Revenue derived therefrom, the working expenses, and the interest on the debt incurred in respect of those works for and to end of 1880-81.

IRRIGATION AND NAVIGATION WORKS.

Works.	Estimated cost of construction.	Capital outlay inclusive of indirect charges Nos. 2 and 5.		Receipts during 1880-81.			Working expenses during 1880-81 inclusive of indirect charges Nos. 3 and 5.	Net result excluding interest.				Interest charges during 1880-81.	Net result including interest.			
		During 1880-81.	To end of 1880-81.	Water-rates, &c.	Collected with land revenue.	Total.		Excess revenue (surplus).	Excess expenditure (deficit).	Rate per cent. Of excess revenue.	Rate per cent. Of excess expenditure.		Excess revenue (surplus).	Excess expenditure (deficit).	Rate per cent. Of excess revenue.	Rate per cent. Of excess expenditure.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			Rs.	Rs.	Rs.		
Works in operation—																
Tanks in Ajmere Sub-Collectorate . .	4,10,561	2,413	4,10,178	147	47,348	47,495	10,213	37,282	...	9·09	...	...	37,282	...	9·09	...
Tanks in Beawur .	1,72,686	...	1,73,247	323	29,528	29,851	7,689	22,162	...	12·79	...	...	22,162	...	12·79	...
„ in Todgurh .	1,14,478	4,273	1,11,136	254	12,444	12,698	14,160	...	1,462	...	1·31	...	...	1,462	...	1·31
Bheer Reservoir .	2,03,486	209	2,11,692	1,915	...	1,915	1,090	825	...	0·39	...	9,092	...	8,267	...	3·9
Bulad „ .	94,198	14,005	1,02,675	598	...	598	3,028	...	2,430	...	2·37	3,862	...	6,292	...	6·13
Jalia . „ .	3,08,606	4,066	2,88,709	215	...	215	3,269	...	3,054	...	1·06	12,260	...	15,314	...	5·3
Ladpura „ .	60,378	440	62,054	545	...	545	676	...	131	...	0·21	2,662	...	2,793	...	4·5
Makrera „ .	1,47,598	7,157	93,739	24	...	24	65	...	41	...	0·04	3,585	...	3,626	...	3·9
Rajaosi „ .	38,987	...	40,040	1,103	...	1,103	445	658	...	1·6	...	1,732	...	1,074	...	2·7
Total .	15,50,928	32,563	14,93,470	5,124	89,320	94,444	40,635	60,927	7,118	3·6		33,193	59,444	38,828	1·4	

WM. GOODENOUGH BAYLY,
Deputy Examiner, P. W. Accounts, Rajputana.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

ABSTRACT OF THE PROCEEDINGS OF THE COUNCIL OF THE GOVERNOR GENERAL OF INDIA, ASSEMBLED FOR THE PURPOSE OF MAKING LAWS AND REGULATIONS UNDER THE PROVISIONS OF THE ACT OF PARLIAMENT 24 & 25 VIC., CAP. 67.

The Council met at Government House, Simla, on Thursday, the 18th May, 1882.

PRESENT:

His Excellency the Viceroy and Governor General of India, K.G., G.M.S.I., G.M.I.E., *presiding*.

His Honour the Lieutenant-Governor of the Panjáb, K.C.S.I.

His Excellency the Commander-in-Chief, G.C.B., C.I.E.

Major-General the Hon'ble T. F. Wilson, C.B., C.I.E.

The Hon'ble T. C. Hope, C.S.I.

The Hon'ble C. P. Ilbert.

The Hon'ble Sir S. C. Bayley, K.C.S.I., C.I.E.

The Hon'ble C. H. T. Crosthwaite.

The Hon'ble W. C. Plowden.

The Hon'ble W. W. Hunter, LL.D., C.I.E.

JHÁNSÍ ENCUMBERED ESTATES BILL.

The Hon'ble MR. CROSTHWAITE presented the final Report of the Select Committee on the Bill to provide for the relief of Encumbered Estates in the Jhánsí Division of the North-Western Provinces.

The Hon'ble MR. CROSTHWAITE also applied to His Excellency the President to suspend the Rules for the Conduct of Business. He said:—"My Lord, I think I may state briefly why we make this request, and why the passing of this measure has been so long delayed. The Bill has been a long time before the Council. It was first introduced by Mr. Bazett Colvin in 1880; but the measure then brought forward differed very materially from that now presented to the Council. The principal feature in that measure was a system of management under which the Revenue-officers undertook to manage the encumbered estates and to pay off the claims that might be proved against them from the profits. Now, I believe I am right in saying that my hon'ble friend Mr. Colvin himself never thoroughly approved of this measure, and that in the Select Committee it did not meet with entire assent. The consequence was that some correspondence ensued between the Legislative Department and the Government of the North-Western Provinces, and during that correspondence Mr. Colvin, taking up the lines suggested by the Government of India itself in the letter written to the North-Western Provinces Government in March, 1879, drafted a new Bill, which he submitted to the Local Government. The Local Government approved of this Bill and sent it up here. This was the beginning of the present measure.

"Then, Mr. Colvin did not come to Simla to attend the Council in 1881, and the consequence was that the Legislative Department had no one to whom they could refer for the details regarding the substantial part of the measure; and so the matter drifted on until December of last year, when I took charge of the Bill from the Hon'ble Mr. Rivers Thompson with his and Your Excellency's consent. The passing of the Bill has thus been delayed for a considerable time.

"Now, when we consider that one of the essential parts of this measure is to call in claims, to cut down interest and to go behind present compacts and agreements, it will be evident to the Council that any delay in the matter must be very injurious and hurtful. The persons concerned have long known—for the matter has been under discussion for the last six or seven years—that such

a proposal is contemplated; and we have lately received a letter from the North-Western Provinces Government, enclosing a report from the Commissioner of Jhánsí, from which it appears that the money-lenders are pressing their claims and doing their best to anticipate the Bill by selling up the very men whose interests we wish to secure.

"It appears to me that no more need be said to shew the necessity for departing from the usual course and for passing the Bill today."

His Excellency THE PRESIDENT said:—"I think that quite sufficient grounds have been advanced for suspending the Rules of Business in this case. There is an additional circumstance which has led to some delay in the matter to which my hon'ble friend did not advert, namely, that it was necessary in the last stage of the Bill to refer it home for the sanction of the Secretary of State. We have now received that sanction by telegram; and, as everything connected with the measure is completed, and all the persons interested appear to be agreed to it in its present form, and as, moreover, it deals with circumstances so exceptional and so difficult, I think we are justified in passing the Bill without delay. I may explain that some of the defects of the Bill as it was originally introduced struck my hon'ble friend now the Lieutenant-Governor of the Panjáb when he was a member of Council; and a note of his on the subject led me to look carefully into the matter, when I certainly agreed with the view of it which His Honour then took, namely, that the Bill as introduced into the Council early in 1880 was not framed in a manner which was likely to secure its satisfactory working. My hon'ble friend Mr. Colvin also shared the same opinion. Under these circumstances, the whole of the Bill was recast—an operation which took a considerable time, especially as it involved financial considerations of no small importance. I am very glad, however, that the matter has now been brought to a satisfactory conclusion, and I have therefore no hesitation in declaring that the Rules are suspended."

The Hon'ble MR. CROSTHWAITE then moved that the final Report be taken into consideration. He said:—

"I need not occupy the time of the Council by discussing the necessity of this measure. For some years past the Government of India has admitted in the plainest manner that the state of the Jhánsí Division was a discredit to the British Government and a blot on the administration. The Bill now before the Council is substantially the same as that drafted by Mr. Bazett Colvin in 1881, and Mr. Colvin followed as closely as possible the suggestions made by the Government of India in the Revenue Department in a letter to the North-Western Provinces Government, No. 152, dated 14th March, 1879.

"I will explain in a few words the character of the measure which I am asking the Council to pass. The main provisions of the Bill are three—

"The Bill provides, in the first place, for the calling in and investigation of all claims against the embarrassed zamíndárs.

"A special Judge is to be appointed for this duty, and to him are given very large powers in dealing with the claims. In this part of the Bill the provisions of the Dekkhan Agriculturists' Relief Act have been followed.

"There is no doubt that contracts and agreements of old standing will be interfered with in an arbitrary manner, very much being left to the discretion of the Judge. Speaking for myself, I think that such a measure needs to be supported by very strong reasons. One of the main objects and the best result of a system of law is the education of the people in habits of honest and upright dealing. Nothing can be worse than to give men to understand that whatever engagements or compacts they enter into may be set aside at the will of a Judge—who will relieve them from burdens they have voluntarily undertaken, and save them from the just consequences of their own recklessness. There are, however, conditions in which every Court of equity will interfere, and I think the circumstances of the present case justify the course of action which we contemplate.

"In the first place, it is clear from the reports before us that the parties have never been on equal terms. The Jhánsí peasant is a very ignorant man,

and intellectually far inferior to the Marwári money-lenders with whom he deals; and I am afraid it must be admitted that these latter gentlemen have not always shown a due regard to the interests of their clients, but have been too ready to take advantage of their weakness, ignorance and need.

"In the next place, the peculiarity of the present case is this: A great part of the embarrassment of the zamíndárs is due to old debts contracted when there was no such thing as property in the soil, and when the money was advanced on purely personal security, and carried therefore a very high rate of interest. Now, it is well known that an Indian money-lender—or, indeed, any money-lender—dealing on such terms seldom calculates on recovering his principal directly, but trusts rather to what he can squeeze out of his debtor in the way of an exorbitant interest year by year. The money-lenders did not care to take ulterior measures. In fact, there were no ulterior measures to take, as, even if under the Native Government they had ousted the raiyat and taken his land, they would have merely gained a right to cultivate at an assessment or rent which left little profit.

"What happened is thus described by Mr. Jenkinson, an officer of high reputation in the North-Western Provinces, who settled the district in 1867. He says:—

"'The money-lenders kept the names of their clients on their books, allowing the original loans to increase year by year by the addition of interest and compound interest and by renewing the bonds from time to time. In this way sums which have been originally insignificant have swollen into enormous amounts; and now' (that was in 1867) 'the money-lenders, seeing that a settlement has been made on liberal terms, and their property is secure, are eager to get the estates of their debtors into their own hands.'

"I think that statement is sufficient to justify the interference we contemplate.

"Well, having reduced the claims against the zamíndár in this arbitrary but, as I trust you will think, not inequitable manner, the next step is to deal with the residue of them.

"My Lord, the Government has been ready to acknowledge its responsibility in this matter; and it has come forward in a liberal manner to do what is possible for these unfortunate men.

"It has been decided to advance to the zamíndár a sum equal to six times the annual profits from his land, on the security of his rights in the land. If that sum is enough to pay the claims certified against him, they will be paid off, and the money recovered from the zamíndár with five per cent. interest by instalments extending over ten years.

"If it is not enough, then his rights in the land must be sold. Unless there is a higher bid—a thing very unlikely to happen in Jhánsí—the Government will purchase the property at a sum equal to ten times the annual profit. The zamíndár will then be a tenant of his sir-land, holding under the auction-purchaser, whether Government or a private person, at a beneficial rent.

"It may be asked, why does the Government propose to purchase the land, since the position of the zamíndár as an ex-proprietor will be the same whether Government or a private person purchases his rights? This is a question I am bound to answer.

"There are several reasons for the course we have adopted. In the first place, it is evident that, as many estates will be thrown into the market, the value of this kind of property would fall; and the creditors would perhaps get only a portion of their dues. As the Government has determined to deal somewhat arbitrarily with the claims, it is perhaps only fair to take measures to prevent the depreciation of the value of the property which is to satisfy the just debts. That is one reason.

"Another reason is that the Government intends to do much more for such of the zamíndárs as are intelligent and deserving than appears on the face of the Bill. If the property is bought, as we hope in most cases will happen, by the Government, it is intended to use the zamíndár as an agent for the management of such land as may be in the hands of tenants, and for the collection of their rents, and to degrade him as little as possible. He will, in fact, be restored as near as may be to his former position either of

headman and Government agent in the village, or of a raiyat cultivating under Government. His income may be nominally somewhat less than it was before, and he will have no property in the soil which he can sell or mortgage; but he will be free from debt, and will only be responsible for his own rent and so much of the rents of others as he may collect.

"Last, but not least, we have other people to think of besides the zamíndár. There are the tenants or cultivators of the land. There is nothing in the reports to show what proportion of land is cultivated by the zamíndárs themselves, and what proportion by tenants under them. The average area of the properties with which we have to deal is said somewhere in the reports to be about 40 acres. It is not probable, therefore, that the tenantry are a very numerous body, but there will, nevertheless, be perhaps two or three for every zamíndár, and it is necessary and right to look after their interests. Until we took their headmen and interposed them between the cultivators of the soil and Government, the cultivators were the raiyats of Government, paying their rent to Government. There is no doubt that in making landlords out of the village headmen we degraded the raiyats, and subjected them to the demands and caprices of a needy landlord. By purchasing the property it will be possible to restore the raiyats to their old position, to fix their rents for the term of settlement and give them a more secure tenure of their holdings.

"I think, My Lord, these reasons are sufficient to justify the unusual action of Government in coming forward to purchase these properties.

"For my own part, I think it is a course which has a great deal to recommend it. It is a course which I should like to see adopted elsewhere, and on a larger scale, and which I have long advocated as the best method of preventing the evils which too commonly arise in this country from the transfer of land from the old agricultural to the commercial classes.

"I think I have now sufficiently explained the scope of the measure. The Bill, it cannot be denied, is a confession of error. We propose to spend a large sum of money, not to improve the land or open communications or add in any way to the wealth of the country, but merely in order to place these Jhánsí zamíndárs back in the same position in which we found them when we annexed their country. And in the meantime, during the five and twenty years which have elapsed, have these men of Jhánsí had a happy time? Have they had cause to bless us? I am afraid not. The interim has been chiefly spent in making them pay revenue when they had not the means, and in harassing them for arrears which they could not pay. It is written in the records of the Board of Revenue.

"But if the Bill is a confession of error, it is also an attempt to repair the mistake and to atone for an unintentional wrong. And that is why I dwell upon this matter, because I am afraid that the Bill, if the matter is left to it alone, will not be successful. I will not enter into a discussion as to the causes which have led to such disastrous results. Such a discussion, although of great practical value, would take a long time, and could hardly be brought to an issue here. But I feel bound to say this much, that, having seen the flourishing state of the Central Provinces, where the same system existed under Native rule, and where we pursued exactly the same course, I cannot admit that those persons are right who attribute the greatest share in the effects which we deplore to what they call 'the fatal gift of proprietary right.' The possession of the proprietary right, no doubt, was a condition which enabled these men to obtain money. But it was not the cause of their requiring it.

"We ought to look to our revenue system and our revenue administration. It is on record that after the Mutiny we compelled these men to pay again to us the revenue which had already been collected from them by the rebels. It also appears that, in 1868-69, when there was a severe drought and a scarcity approaching to famine, scant consideration was shown to them; and if this was done under such circumstances, what chance is there that they met with more liberal treatment when suffering under minor and less conspicuous difficulties? It is quite true that, during the last decade, since their state has become known, and their inability to pay has been recognised, the Government has dealt with them in a liberal manner. But it is a fault in our system that such knowledge

comes too late, and that we hardly ever remit revenue or revise an assessment until the mischief has been done.

"The truth is that agriculture in Jhánsí is a precarious business; and this fact should be recognised. In introducing the Bill, Mr. Bazett Colvin said :—

"'In conclusion, I have only to say that the importance of modifying the revenue system of Jhánsí and of adjusting it for the future in some way to the variations in the annual produce of the harvest has not escaped the attention of the North-Western Provinces Government, and the question, I believe, is now under consideration and discussion. Personally, it seems to me that no scheme for relieving the distress of the proprietors in Jhánsí can be permanently successful which does not provide for this.'

"This was said by Mr. Colvin in February, 1880.

"In conclusion, I have to say exactly what Mr. Colvin said. I believe that, until the revenue-system is altered, there is no security against the recurrence and extension of the Jhánsí difficulties; and I believe also that the matter is still under the consideration of the Local Government."

The Hon'ble Mr. Plowden said :—"I should experience very unqualified satisfaction in aiding in the passage of this Bill through the Council, were it not for the fact that I cannot but deplore the great delay that has taken place in putting the Bill before the Council. The Hon'ble Member in charge of the Bill has stated that, of these two Bills which were brought before the Council, the first was brought forward in 1880; and he has referred also to the fact that the consideration of this measure of relief for the embarrassed zamíndárs in the Jhánsí Division has been before the Local Government and the Government of India for some six years. In turning to one of the Revenue Administration Reports of the North-Western Provinces for 1876-77, I find that the Deputy Commissioner of Jhánsí, who was responsible for the administration of the district, remarked, so far back as 1876, that the transfer of property in his district 'was probably checked to some extent by the inquiries which had been made into the indebtedness of the landholders, these inquiries having, it appears, led them to hope that a scheme for the liquidation of their debts was under consideration.'

"In very singular contrast to this is the passage cited by my hon'ble friend, which may be seen in the paper submitted to the Council containing Mr. Kaye's remarks to the Board of Revenue not two months ago. He says :—

"'The introduction of an Encumbered Estates Act for Jhánsí has been discussed for years. It is perfectly well known that such an Act may be passed any day. Similar Acts affecting other parts of the country have been passed, and the money-lending class thoroughly understand how their interests are likely to be affected when the Jhánsí Act becomes law. Naturally, they are doing all they can to protect themselves beforehand, and are foreclosing mortgages and executing decrees which would otherwise have been allowed to run on. For the same reason they are unwilling to grant fresh loans; and landholders, who at other times would have been able to raise money to stave off pressing claims, are unable to do so. So far, the action taken with reference to the contemplated Bill has had but one result, and that is to ruin a considerable number of the very class it is designed to serve.'

"Now, My Lord, I have noticed this matter, because I think that this measure cannot be considered to be a remedial measure: it is simply a measure of relief intended to put the landholders on a footing different from that on which they rest at present, and to place them on somewhat the same footing as they were before they began to borrow money to pay their arrears of revenue. But I think it necessary that some attention should be drawn to the fact that the position of these persons is due more to the pressure to recover the revenue for which they are responsible than to any other cause; and, this being the case, it is within the power of the Local Government to adopt a line of action which shall prevent a recurrence of the unfortunate results which the present Bill is designed to relieve.

"These results have, I believe, occurred simply because, in times of drought and scarcity, the landholders have not been able to pay their revenue, though they have been called upon again and again to 'stump up'; and it is impossible for these men, with the very small resources at their command, to yield to the Government pressure in this matter without at the same time encumbering their estates very largely. If now the Local Government will adopt the line of action of allowing revenue which from scarcity or any other cause the landholders cannot pay to lie over for a short period,

at the same time taking interest while the payment is deferred, they will, I think, assist the landholders to a material extent.

"I shall certainly support the Bill, though, as I have said before, I am sorry for the delay which has occurred in placing it before the Council."

His Excellency THE PRESIDENT said:—"With respect to the delay that has taken place, I should like to make one or two further remarks. I of course have no personal experience of the delay which took place before the time when I came out here two years ago. At that time the position of the matter was this.

"The Bill as originally brought in—which, as my hon'ble friend Mr. Crosthwaite has explained, was a very different Bill from the present one—was then before the Council. It was under reference to a Select Committee, who went into it very carefully, and, as I have already explained, towards the end of the time when we were at Simla in 1880, Sir Charles Aitchison spoke to me upon the subject, if I mistake not. At all events, he recorded a note in which he expressed doubts as to the propriety of adopting the Bill in the form in which it then stood. As soon as I was able to resume business at Calcutta after my illness, I looked carefully into the matter. It seemed to me that the views put forward by Sir Charles Aitchison were very just, and I conferred with Mr. Bazett Colvin upon the subject at the commencement of last year. He then said that he should himself have preferred a Bill upon the lines of the present Bill rather than upon those on which it was introduced under Lord Lytton's Government, and I then requested him to draw up the Bill in the form which he thought that it should assume. That Bill involved a very important principle, that of advances upon the part of the Government—a principle which it is impossible to adopt all over the country, because of the enormous cost; and it therefore required to be considered with very great care, in order that we might see whether the circumstances of Jhánsí would justify the adoption of such a measure as clearly exceptional in its character. Well, Mr. Colvin prepared his draft, conferred with Sir George Couper on the subject, sent up the draft here, and it was then very carefully considered by the Financial Department. My hon'ble friend Major Baring very handsomely accepted the principle for this particular case, thinking that there were sufficiently exceptional grounds for doing so. The measure was, therefore, in fact, in a condition in which it might have been passed last session at Calcutta, if it had not been necessary, under the orders of the Secretary of State, to refer it home to him before passing it. He lost no time in considering the matter, and in conveying his sanction to it by a telegram; and it is on that telegram that we are now acting. I mention these facts merely to show that the subject is one of a very difficult character, requiring to be treated with very great care; and that, although there has been more delay than would have been desirable, the matter has not been neglected, and that the delay has not been the result of any carelessness on the part of the Government in regard to it, but may truly be said to have arisen from the intrinsic difficulty of dealing with a question of this kind as we propose to deal with it in this Bill. I think the public should understand that that is the position of the case.

"With regard to the question of the alteration of the revenue system, referred to by my hon'ble friends Mr. Crosthwaite and Mr. Plowden, that is a question which I will not attempt to discuss upon the present occasion. I can only say that it is a matter of great importance, and that it is receiving the careful consideration of the Government."

The Motion was put and agreed to.

The Hon'ble MR. CROSTHWAITE then moved that the Bill, as amended, be passed.

The Motion was put and agreed to.

The Council adjourned to Thursday, the 1st June, 1882.

D. FITZPATRICK,

Secretary to the Government of India,

Legislative Department.

SIMLA;

The 18th May, 1882.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 23rd MAY 1882.

GENERAL REMARKS.—There has been general rain throughout the Madras Presidency, indicating the approach of the south-west monsoon. Good rain also fell in the Mysore State, in Coorg, in the Southern Mahratta Country, and parts of the Bombay Deccan. In British Burma and in Orissa the rainfall has been lighter than last week. In the Nizam's Territories very little rain fell, and there was none in Berar. In the Central Provinces slight showers occurred in some districts and heavy rain in Sambalpur. In Assam there was some rain in two districts. In Bengal, in Central India and the Rajputana States, in the North-Western Provinces and Oudh, and in the Punjab, slight showers fell in a few places. Madras and the Punjab are the only provinces in which harvest operations are still going on. In the Punjab the harvest is confined to the northern districts.

General prospects are favourable on the whole throughout the country. In the Madras Presidency standing crops are in fair condition, and agricultural operations are progressing. In the Mysore State standing crops have much improved, and ploughing here and in Coorg is in active progress. Ploughing is also progressing in the Nizam's Territories and Berar and in the Bombay Presidency. In the Central Provinces and the Punjab sowings for the autumn crops have commenced in parts. In the North-Western Provinces and Oudh sugarcane and indigo are on the whole in good condition. In Bengal and Assam ploughing and sowing are in progress generally, but cultivation is reported to have been impeded in Sylhet by heat and drought.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(May 24th)		
Bellary ...	1·63 (average of 8 stations).	Standing crops good; harvest paddy and sugarcane, yield about average.
Kurnool ...	·79 (average of 8 stations).	Standing sugarcane and indigo crops suffering for want of water; harvest paddy, outturn below average; small-pox in one taluk; cattle-disease in parts.
Ganjam ...	·99 (average of 13 stations).	Standing crops, paddy, cotton, gingelly and sugarcane, thriving; small-pox and fever prevalent; sporadic cholera in parts; cattle-disease exists.
Kistna ...	1·11 (average of 12 stations).	Fever, small-pox, and guinea-worm in parts; cattle-disease continues.
Chingleput (Madras) ...	·70 (average of 2 stations).	Standing crops good where water available, withering elsewhere; harvest wet and dry grains, yield below average; agricultural operations progressing; small-pox and cattle-disease in parts.
Coimbatore ...	2·35 (average of 16 stations).	Standing crops generally good; harvest wet and dry crops, outturn wet above average; small-pox, fever, and cholera in parts.
Tanjore ...	2·32 (average of 12 stations).	Standing crops generally good; harvest dry crops, outturn average; few cases of cholera.
Madura ...	1·66 (average of 10 stations).	Standing crops fair; harvest paddy, yield good; cholera in parts.
Malabar ...	10·93 (average of 14 stations.	First crops seeds wasted away in parts; fever, small-pox, cholera, and cattle-disease in parts.
Travancore ...	4·31	Ploughing and sowing progressing; fever prevalent. *General Remarks.*—General prospects good.
Bombay—(May 24th)		
Kurrachee ...	Slight showers in three talukas.	River at Kotri on 22nd, 8 feet 7 inches against 10 feet 7 inches on corresponding date last year; cattle-disease in one taluka; fever in seven talukas, and small-pox in Kurrachee, Jati and Ghorabari talukas; *rabi* harvesting not quite over; *kharif* operations commenced; wheat, red rice, and *bajri* in Kurrachee 22, 40 and 33, in Dadu 32 and 40, in Tatta 24, 44 and 48, and in Shahbandar 20, 56 and 48 lbs. per rupee, respectively.
Hyderabad ...	·14	River rising; *rabi* outturn on an average 12 annas to the rupee; *kharif* operations general average; slight fever in six talukas; wheat 25, *juari* 44, *bajri* 40, red rice 33, and white rice 22lbs. per rupee.
Ahmedabad ...	.....	Preparations for next season progressing; slight cholera in Viramgaum taluka; wheat 27 and *bajra* 30 lbs. per rupee.
Baroda ...	.....	Weather hot; health good; *bajri* 30 and common rice 23 lbs. per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Surat ...	.....	Preparation for cultivation continues; *juari* 35 and *nagli* 55 lbs. per rupee.
Násik ...	1·49	Public health good; *bajri* 41½, wheat 31, and *juari* 67 lbs. per rupee; heat intense.
Colaba (Bombay) ...	.....	Temperature normal; vapour in air normal; abnormal wind northerly; distant lightning on 18th.
Poona ...	Slight showers at Poona.	*Bajri* 46 and *juari* 57 lbs. per rupee; in Poona *bajri* 39 and *juari* 47¾ lbs. per rupee.
Ahmednagar ...	Nagar, ·11; Sangamner, ·09; Akola, ·14.	Water-supply in taluka Parner failing; *juari*—maximum 96 lbs. in Jhamkhed, minimum 51 lbs. in Newasa; *bajri*—maximum 66 lbs. in Jhamkhed, minimum 45 in Kopergaon.
Sholapur ...	Sholapur, ·58, total 1·11; Sangola, 2·60; Pandharpur, ·39; Malsiras, ·16; Madha, ·09; Karmala, ·15.	Cattle-disease in Sangola and Malsiras, slight in Sholapur; cholera 6 cases, 1 fatal in Karmala; *juari* 72 lbs. 18 tolas; *bajri* 56 lbs. 10 tolas per rupee.
Dharwar ...	Rain throughout district; heavy in Bankapur; above 5·00 in Mandargi and Hangal; above 4·00 in Kalghatgi; nearly 3·00 in Mugad, Hubli, Navalgund, Gadag, Karajgi, and Ron; above 1·00 in Dharwar, Waragund, Rannibennur and Kod; less than 1·00, maximum, Bankapur 5·13; minimum, Rannibennur ·50.	More rain urgently wanted in Dharwar, Navalgund, Gadag, Karajgi, and Kod; ground being prepared for *kharif* sowings; scarcity of drinking-water still felt in five talukas; cholera in a village of Karajgi taluka, 15 cases, 5 fatal; rice 23 and *juari* 53 lbs. per rupee; locusts seen in Dharwar almost daily.
Kanara ...	Kumpta, ·84; Sirsi, 3·82; Yellapur, ·18; Supa, 1·90; Hallial, ·75.	Harvesting second crop completed; preparing ground for monsoon crop; small-pox and cattle-disease subsiding; common rice in Karwar 14 seers per rupee, in district average the same; weather clear.
Rajkot ...	.....	Weather hot; 20 cholera cases in Navanagar taluka, 10 fatal; it has disappeared from Rajkot and Malia towns but slightly prevails in Jetpur, in other places general health good; *bajri* 24 and *juari* 28 lbs.
		General Remarks.—Preparation of land for *kharif* begun; rain in the Southern Mahratta Country; heavy in some parts of Dharwar, more urgently required in others; rain also in Ahmednagar, Sholapur, and Satara, and slight showers in Kurrachee and Hyderabad; scarcity of drinking-water in five talukas of Dharwar and one of Ahmednagar; cholera in Belgaum, Satara, and parts of Kattywar.
Bengal—(May 23rd)—		
Chittagong ...	*Nil*	Weather hot; rain much wanted; prospects and yield of crops good; cholera very prevalent almost all over district; small-pox continues; prices stationary.
Dacca ...	*Nil*	*Boro* paddy being harvested, yield fourteen annas; prospects of crops good.
24-Pergunnahs (Calcutta)	*Nil*	Sowing rapidly progressing on low land, high lands being prepared; prospects of crops fair; prices stationary; public health generally good; isolated cases of cholera reported from Barripur, Busseerhaut, and Dum-Dum sub-divisions.
Moorshedabad ...	*Nil*	Prospects of early sown paddy favourable; agricultural operations continue; average prices—rice 23 seers per rupee; cholera prevails mildly in some places.
Rajshahye ...	*Nil*	Prospects fair; more rain wanted; *boro* rice being harvested; cholera abating.
Burdwan ...	*Nil*; Culna, ·45	Prospects fair, but rain wanted; health fair, but cholera reported from Raneegunge sub-division.
Rungpore ...	·40	Weather very hot; prospects of crops favourable; some cholera still reported; prices stationary.
Bhagálpur ...	·01	Prospects of crops good; rice 22¾ seers per rupee.
Purneah ...	*Nil*	Prospects of crops very fair; sowing still going on; health improved; common rice 20 seers per rupee.
Patna ...	*Nil*	Fields being ploughed for paddy; sugarcane promising well; cases of cholera and small-pox reported from Hilsa and Behan thanas, respectively.
Durbhunga ...	*Nil*	Indigo and sugarcane continue promising; prices stationary; cholera continues in town and district without change.
Hazáribágh ...	*Nil*	Weather very hot; ploughing continues; cattle-disease and small-pox reported.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bengal—*contd.*		
Cuttack ...	1·32	Ploughing in progress; sowing commenced; cholera somewhat abated in interior.
		General Remarks.—More or less rain in some districts; rain still wanted in others, specially in Chittagong and Maldah; prospects of crops good; ploughing and sowing continue; public health generally good; cholera and small-pox continue in some places; cholera bad in Chittagong; cattle-disease still lingers in one or two districts.
N. W. Provinces and Oudh—		
Benares (May 23rd)	*Nil*	Weather hot, with strong winds, which for the last four days have been westerly; no agricultural operations are being carried on, except irrigation of sugarcane; health of men and cattle in the district generally good, but there has been some disease among the commissariat cattle; markets well supplied with foodgrains; prices steady.
Cawnpore („ „)	*Nil*	Extra crops fair; prospects of indigo and sugarcane good up to date; fever continues; prices slightly risen.
Allahabad („ 24th)	*Nil*	Fruit trees of all kinds suffered greatly from the storm of the 7th, mango yield will be very scanty everywhere; in Phulpur melons utterly destroyed; *sawan* and *china* (millets) being cut; cholera decreasing in the interior, 92 cases occurred of which 57 proved fatal, against 115 attacks with 75 deaths in the previous week; city healthy; cattle healthy; prices rising; gram and barley imported from the south.
Gorakhpur („ 23rd)	Some rain on the east of the district.	Weather fine; early rice being planted out; cholera decreasing, sporadic cases only occur now; fever increasing; prices stationary.
Jhansi ...	.....	No report received.
Agra (May 23rd)	*Nil*	Indigo and sugarcane being irrigated; fever and small-pox continue in city; general health good; prices rising slightly.
Farukhabad („ „)	*Nil*	Hot west wind throughout the week; health good; prices still rising.
Bareilly („ „)	*Nil*	Weather normal; sugarcane and indigo much improved; markets well supplied; prices rising; small-pox prevalent, especially in Bareilly city.
Meerut („ „)	*Nil*	Heat increasing, steady west wind; health of man and cattle good; supplies sufficient; prices stationary.
Kumaun („ „)	Good rain in early part of the week.	Weather hot and seasonable after the rain; small-pox and measles, as well as cattle-disease, still prevalent; prices stationary.
Lucknow („ „)	*Nil*	Weather very warm; wind easterly and westerly; prices of foodgrains stationary; markets well supplied; 6 deaths from cholera reported, 5 in city and 1 in the interior.
Partabgarh („ „)	*Nil*	Prices rising principally in Kunda tahsil; a little cattle-disease reported; sugarcane and *sawan* (millet) being irrigated.
Rae Bareli („ 22nd)	*Nil*	Weather rather more seasonable; hot west wind blowing for the last four days; general health good; prices slightly rising.
Sitapur („ „)	*Nil*	Heat great; winds westerly.
Fyzabad („ „)	*Nil*	No report received.
		General Remarks.—Good rainfall in Kumaun and slight rain in two other districts; weather warm, hot winds set in; prices rising; cholera decreasing in Allahabad, Gorakhpur, and Lucknow; some small-pox in Bareilly, Agra, and Kumaun; cattle-disease continues in Kumaun, a few cases reported from Benares and Partabgarh.
Punjab—(May 23rd)		
Delhi ...	No rain	Preparations for *kharif* commenced; small-pox continues in the city; general health fair; prices fluctuating.
Hissar ...	No rain	Weather stormy; *rabi* harvested; prices stationary; health good.
Umballa ...	No rain	Prices steady; health fair.
Jullundur ...	No rain	Wheat being threshed; prices rising; health good.
Amritsar ...	·30	Wheat being winnowed; health good; prices steady.
Lahore ...	·20	State of crops satisfactory; health good; prices of foodgrains rising.
Ferozepore ...	·40 in district	Crops being harvested; health good; prices steady.
Sialkot ...	·20	Rinderpest increasing in Zaffarwal tahsil; health good; prices stationary.
Rawalpindi ...	2·00	Crops being cut; health good; prices steady.
Mooltan ...	No rain	*Rabi* being harvested; *kharif* being sown; health good; prices stationary.
Dera Ismail Khan ...	No rain	*Rabi* nearly all cut; *kharif* sowings in progress; health good; prices have a downward tendency.
Peshawar ...	No rain	*Rabi* crops being cut; slight fever; prices stationary.
		General Remarks.—Rain has fallen in Amritsar, Ferozepore, Sialkot, and Rawalpindi; general health good; prices generally steady.
Central Provinces—		
Nagpur (May 24th)	Slight rain	Weather cloudy, frequently with duststorms; fields being ploughed for *kharif* sowings; small-pox slightly prevalent; prices rising.
Jubbulpore („ 23rd)	Slight rain	Weather cloudy and hot; *kharif* ploughings continue; cholera and small-pox prevailing.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Central Provinces— *contd.*		
Saugor (May 22nd)	·24	Weather stormy and close; land under preparation for *kharif* sowings; prices rising.
Seoni („ 23rd)	·20	Weather cloudy, with occasional showers; ploughing progressing; cholera, small-pox, and cattle-disease prevalent; prices steady.
Hoshangabad („ „)	.....	Weather hot, cloudy, and stormy; *kharif* ploughings begun; wheat 14 seers per rupee.
Raipur („ 20th)	.....	Weather cloudy, with storms; land being ploughed for *kharif* sowings; few cases of cholera; rice 31 and wheat 38 seers per rupee.
Sambalpur („ 18th)	Heavy rain	Weather stormy; *kharif* preparations going on; cholera abating; rice 54 seers per rupee.
Khandwa („ 23rd)	.....	Weather hot and cloudy, with duststorms; small-pox prevalent; wheat 17 seers per rupee.
		General Remarks.—Weather cloudy and warm, with slight showers; land under preparation for *kharif* sowings; cholera and small-pox still prevalent; prices generally steady.
British Burma—		
Akyab (May 24th) ...	For week *nil*; total 3·73.	One death from small-pox in Akyab town and 3 in district, otherwise public health good; slight cattle-disease in three townships, severe in one township.
Rangoon ...	For week 1·03; total 5·24.	Public health good.
Bassein ...	For week ·52; total 5·50.	One death from cholera in Bassein town, otherwise public health good.
Prome ...	For week ·02; total 2·07.	Two deaths from cholera in Prome town, a few cases in district, otherwise public health good.
Amherst (Moulmein) ...	.....	Public health in Moulmein district good; cattle-disease prevalent in three townships.
Toungoo ...	For week 1·25; total 3·57.	Eight cases of small-pox, of which 4 fatal in township, otherwise public health good.
	.....	*General Remarks.*—A few cases of cholera in Prome, Henzada, Thayetmyo, and Shwegyeen, slight small-pox in Akyab and Toungoo, otherwise public health satisfactory; cattle-disease severe in Naaf township of Akyab district and prevalent in parts of Amherst; light rainfall over the province generally.
Assam—(May 24th)—		
Gauhati ...	*Nil*	Weather very hot; prospects of crops good; cholera still at Gauhati and in northern parts of district.
Sylhet ...	1·26	Cultivation impeded by heat and drought, earlier in the season it was impeded by excessive rain; cultivation this season hardly successful; cholera, small-pox, and cattle-disease still reported; tea doing fairly well.
Cachar ...	*Nil*	Weather intensely warm; ploughing and sowing *dumahi* and *murali* crops continue; 2 cases of cholera reported from sadr station; rain much wanted; common rice 24⅝ seers per rupee.
Dibrugarh ...	1·20	Weather hot; prospects of *aus* paddy good; ploughing for *sali* paddy; cattle-disease still reported; public health good.
Mysore and Coorg—(May 24th)—		
Bangalore ...	2·61	*Vysakh* paddy and sugarcane being harvested; young sugarcane in good condition; public health good; prospects favourable; pasturage and water-supply much improved; prices almost stationary.
Mysore ...	3·75	Standing crops thriving; prospects good; rain abundant in town and district; cholera abating except in Malvali taluk; prices unchanged; prospects favourable.
Mercara ...	2·94	Good falls of rain throughout the province; in north Coorg paddy and *ragi* are being sown, in south Coorg rice fields are being ploughed; small-pox still prevalent.
		General Remarks.—Good rainfall throughout the Mysore State; ploughing operations in active progress; prospects generally good; condition of standing crops improved; prices slightly fallen in some districts.
Berar & Hyderabad—(May 24th)—		
Amráoti ...	.....	Weather hot and cloudy; fields under preparation; prices of wheat 18 and *juari* 36 seers per rupee.
Akola ...	.....	Ploughing operations progressing.
Hyderabad ...	·32	*Tabi* reaping concluded; preparation of ground for *kharif* crops continue; scarcity of water still felt in some talukas; fever prevails in two talukas and cattle-disease in one; prices—wheat 16½, rice 10½ white *juari* 23½, yellow *juari* 27¾, and *tur* 26¼ seers per current sicca rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Central India States—(May 24th)—		
Indore ...	.....	Weather seasonable and somewhat cooler; health good; prices of wheat and other grains are rising.
Morar (Gwalior) ...	*Nil*	Weather warm and stormy; health good; wheat 18, gram 22, *bajra* 18, and *juar* 22 seers per rupee.
Sutna ...	.....	No report received.
Rutlam ...	.....	No report received.
Neemuch ...	·56	Cholera has appeared, but is not as yet of a distinctly epidemic type.
Goona ...	·04	Crops fair; health good; small-pox prevailing; wheat 23 seers per rupee.
Bhopal ...	·26	Duststorms from south-west frequent; prospects good; small-pox diminishing.
Agar ...	.....	Weather cloudy and warm; health good.
Nowgong ...	·22	Weather stormy and unsettled; public health good; cholera and small-pox prevalent in places.
Manpur ...	Slight showers on 19th.	Weather hot; harvesting of wheat and ploughing of land for *kharif* continue; wheat 15½, gram 17¾, *juar* 19½, and *macca* 25 seers per rupee.
Rajputana—		
Abu (May 24th)	.....	Weather seasonable; days hotter, nights cooler; occasional cloud.
Sirohi („ 20th)	·02	Tanks and wells fair; health good; high wind prevailing.
Marwar („ 19th)	·13	Plenty of water in tanks and wells; health good; weather cloudy, frequent showers; prices stationary; crops gathered.
Meywar („ 20th)	·38	Tanks and wells good for time of year; health good; crops harvested; some cases of cholera occurred in districts; none at Oodeypore.
Harowti („ „)	Deoli, ·28; Kotah, ·20; Tonk, ·18.	Weather unsettled, with occasional duststorms; some fever in Kotah, otherwise health good; prices risen.
Jhallawar („ 17th)	·10	Small-pox still continues, otherwise health good.
Ajmere („ 23rd)	·12	Weather more settled; general health good.
Jeypore („ „)	·60	Weather cloudy, easterly winds; prices stationary; health good.
Bhurtpore ...	.....	No report received.
Ulwur ...	.....	No report received.
Nepal—(May 18th)		
Katmandu ...	·5	A perceptible increase in temperature during the past week.

E. C. BUCK,
Secy. to the Govt. of India.

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☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

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SUPPLEMENT No. 22.

PART I.

Government of India Notifications, Appointments, Promotions, &c.

HOME DEPARTMENT.

NOTIFICATIONS.—PUBLIC.

Simla, the 27th May 1882.

No 817.—His Excellency the Governor General is pleased to confer upon the undermentioned gentleman the privilege of private *entrée* to Government House:—

Brevet Colonel J. J. McL. Innes, R.E., V.C., as Inspector General of Military Works.

JUDICIAL.

The 27th May 1882.

No 742.—In exercise of the power conferred by Section 5 of Act XIV of 1874 (The Scheduled Districts Act), the Chief Commissioner of Coorg is pleased, with the previous sanction of the Governor General in Council, to extend Act I of 1877 (The Specific Relief Act) to the Chief Commissionership of Coorg.

The 1st June 1882.

No. 758.—In exercise of the power conferred by Section 5 of Act XIV of 1874 (The Scheduled Districts Act), His Excellency the Governor of Bombay in Council is pleased, with the previous sanction of the Governor General in Council, to extend Act XIV of 1882 (The Code of Civil Procedure) to the province of Sind, except Sections 1 and 3, which are already in force in the said province.

No 759.—In exercise of the power conferred by Section 5 of Act XIV of 1874 (The Scheduled Districts Act, 1874), His Honour the Lieutenant-Governor of the North-Western Provinces and Chief Commissioner of Oudh is pleased, with the previous sanction of the Governor General in Council, to extend Act XIV of 1882 (The Code of Civil Procedure, 1882) to—

The Jhansi division, comprising the districts of Jhansi, Jalaun, and Lalatpur (except Sections 1 and 3, which are already in force in the said division, and Sections 15, 19, 23, 24, 25 and 652); and to pargana Jaunsár Báwar in the Dehra Dún district and the scheduled portion of the Mirzapur district (excepting Sections 1 and 3, which are already in force in the said districts).

No. 760.—In exercise of the power conferred by Section 5 of Act XIV of 1874 (The Scheduled Districts Act, 1874), the Chief Commissioner of the Central Provinces is pleased, with the previous sanction of the Governor General in Council, to extend Act XIV of 1882 (The Code of Civil Procedure) to the Scheduled Districts of the Central Provinces, except Sections 1 and 3, which are already in force, and so much thereof as authorises the sale of immoveable property in execution of a decree, not being a decree directing the sale of such property.

No. 761.—In exercise of the power conferred by Section 5 of Act XIV of 1874 (The Scheduled Districts Act, 1874), the Chief Commissioner of Coorg is pleased, with the previous sanction of the Governor General in Council, to extend Act XIV of 1882 (The Code of Civil Procedure) to the

Chief Commissionership of Coorg, except Sections 1 and 3, which are already in force.

No. 762.—In exercise of the power conferred by Section 5 of Act XIV of 1874 (The Scheduled Districts Act, 1874), His Honour the Lieutenant-Governor of Bengal is pleased, with the previous sanction of the Governor General in Council, to extend Act XIV of 1882 (An Act to consolidate and amend the laws relating to the Procedure of the Courts of Civil Judicature), except Sections 1 and 3 of the said Act, which are already in force—

to the districts of Darjeeling and Julpigoree (called, in Act XIV of 1874, the Darjeeling and Julpigoree divisions);
the district of Hazaribagh;
the district of Lohardugga;
the district of Manbhoom;
the pergunnah Dhalbhoom in Singbhoom; and
the Mehal of Ungool.

No. 763.—In exercise of the power conferred by Section 5 of Act XIV of 1874 (The Scheduled Districts Act, 1874), the Chief Commissioner of Assam is pleased, with the previous sanction of the Governor General in Council, to extend Act XIV of 1882 (The Code of Civil Procedure) to the Districts of Kámrúp, Nowgong, Darrang, Sibságar, Lakhimpur, Goálpára (excluding the Eastern Duars), Sylhet, and Cachar (excluding the North Cachar Hills), except Sections 1 and 3, which are already in force in the said districts.

POLICE.

The 29th May 1882.

No. 171.—*Appointments.*—Major H. A. Hammond, District Superintendent of Police, 3rd Class, in the Central Provinces, to officiate as District Superintendent of Police, 2nd Class, during the absence on furlough of Lieutenant-Colonel D. MacNeill, or until further orders.

Mr. C. F. Anderson, District Superintendent of Police, 4th Class, to officiate as District Superintendent of Police, 3rd Class, *vice* Major Hammond.

Sirdar Ratan Singh, District Superintendent of Police, 5th Class, to officiate as District Superintendent of Police, 4th Class, *vice* Mr. Anderson.

ECCLESIASTICAL.

The 1st June 1882.

No. 100.—The Right Reverend the Lord Bishop of Calcutta has appointed the Reverend Arthur E. Stone to be His Lordship's Domestic Chaplain, with effect from the 1st April 1882.

PATENTS.

The 29th May 1882.

No. 542.—Specifications of the undermentioned inventions have been filed, under the provisions of Act XV of 1859, in the Office of the Secretary to the Government of India in the Home Department. Copies have been sent to one of the Secretaries to each of the Governments of Bengal, Fort St. George, Bombay, and the North-Western Provinces. A copy of every specification is open to public inspection, at all reasonable hours, at the Office of the Secretary to the Government of India in the Home Department at the Presidency, upon payment of a fee of one rupee. A certified copy of any specification will be given to any person requiring the same on payment of the expense of copying:—

No. 128 of 1881.—Samuel Cleland Davidson, of Belfast, Ireland, Merchant, for improvements in stoves or heating apparatus.

No. 129 of 1881.—James Hewitt Barry, of 5, Lyons Range, Calcutta, Engineer, and a Member of the Firm of Barry and Company, of the same place, Merchants and Agents, for an improved method of obtaining a hot gas, or a hot mixture of gas and air, and of applying the same to the purpose of drying tea, coffee, grain, and other vegetable substances.

No. 132 of 1881.—Cursetjee Sorabjee Jassawalla, of Back Road, Marine Lines, Bombay, Parsee inhabitant, Contractor, for a supporting and self-regulating wheel, and apparatus connected therewith, suitable to be added to all ordinary two-wheeled conveyances.

No. 163 of 1881.—John Milton Bibbins, of Williamsport, in Lycoming County, and State of Pennsylvania, United States of America, but at present of the Office for Patents, 323, High Holborn, in the County of Middlesex, England, for improvements in locks and dams.

No. 168 of 1881.—Charles Francis Brush, of Cleveland, Ohio, United States of America, for improvements in reflectors.

No. 9 of 1882.—Hurry Mohun Ghose, of Batra, in Howrah, in Zillah Hooghly, Mechanical Engineer, for improvements in sugarcane-crushing mills.

No. 21 of 1882.—James Alfred Briggs and Henry Albert Martin Fenner, Gentlemen, both of Bombay, in the Empire of India, for an improved refrigerating railway carriage adapted for use in India.

No. 25 of 1882.—Alonzo Moore and John Cairns, both residing at Bangkok, Siam, for a new and improved centrifugal and centripetal rice, seed, and grain separator.

No. 36 of 1882.—Walter Ducat, Major, Royal Engineers, of Poona (near Bombay), for a safety semi-brougham cab.

No. 52 of 1882.—Thomas Allison Readwin, Mineral Surveyor, of Bloomsbury Square, in the County of Middlesex, England, for improvements in ore-grinding and amalgamating machines.

No. 53 of 1882.—Frederick Settle Barff, of Kilburn, in the County of Middlesex, and Kingdom of England, for a new compound to be employed in the preservation of organic substances.

No. 56 of 1882.—John Ambrose Fleming, of the University, Nottingham, in the County of Nottingham, and Kingdom of England, for improvements in the preparation of materials to be employed for the purposes of electric insulation.

No. 61 of 1882.—Joseph Wilson Swan, of the Town and County of Newcastle-on-Tyne, and Kingdom of England, for improvements in secondary cells and batteries or apparatus for storing electricity.

No. 62 of 1882.—Joseph Wilson Swan, of the Town and County of Newcastle-on-Tyne, and Kingdom of England, for improvements in secondary cells and batteries or apparatus for storing electricity.

No. 64 of 1882.—John Ambrose Fleming, of the University, Nottingham, in the County of Nottingham, and Kingdom of England, for improvements in the preparation of materials to be employed for the purposes of electric insulation.

A. MACKENZIE,
Secy. to the Govt. of India.

FOREIGN DEPARTMENT.

NOTIFICATIONS.—GENERAL.

Simla, the 2nd June 1882.

No. 941 *G.G.*—Major G. H. Trevor, M.S.C., Political Agent of the 1st Class and 1st Assistant to the Resident at Hyderabad, is appointed to officiate temporarily as Resident at Hyderabad, with effect from the date of assuming charge.

POLITICAL.

The 1st June 1882.

No. 184 *G.P.*—Subject to the confirmation of Her Majesty's Government, His Excellency the Viceroy and Governor General in Council is pleased to recognise the appointment of Mr. Oscar Trefftz as Acting Consul for the Netherlands at Calcutta.

No. 187 *G.P.*—Subject to the confirmation of Her Majesty's Government, His Excellency the Viceroy and Governor General in Council is pleased to recognise the appointment of Mr. Alfred Zunini as Honorary Vice-Consul for Italy at Calcutta.

The 2nd June 1882.

No. 191 *G.P.*—With reference to Foreign Department Notification No. 70 G.P. of the 3rd March 1882, the recognition by the Government of India of the appointment of Mr. S. I. Fressanges to act as Consular Agent for Italy at Akyab has been confirmed by Her Majesty's Government.

JUDICIAL.

The 1st June 1882.

No. 69 *I.J.*—In exercise of the power conferred by Section 5 of Act XIV of 1874 (The Scheduled Districts Act), the Hon'ble the Lieutenant-Governor of the Punjab is pleased, with the previous sanction of the Governor General in Council, to extend Act XIV of 1882 (The Code of Civil Procedure) to the Scheduled Districts of the Punjab.

The 2nd June 1882.

No. 72 *I.J.*—In exercise of the powers conferred by Sections 4 and 6 of Act XXI of 1879 (The Foreign Jurisdiction and Extradition Act, 1879), the Governor General in Council is pleased to appoint the officer for the time being Resident of the Western Rajputana States, being a European British subject, to be a Justice of the Peace within the territories of the Maharaja of Jodhpore and the Rao of Sirohi.

C. GRANT,
Secy. to the Govt. of India.

DEPARTMENT OF FINANCE AND COMMERCE.

NOTIFICATIONS.

Simla, the 29th May 1882.

No. 1467.—Mr. T. C. Hope, Bo.C.S., C.S.I., resumed charge of the office of Secretary to the Government of India, Department of Finance and Commerce, before noon on the 22nd May 1882.

R. LOGAN,
for *Secy. to the Govt. of India.*

The 2nd June 1882.

No. 1480.—In exercise of the powers conferred by Section 8 of the Indian Stamp Act (I of 1879), the Governor General in Council directs that the Notification of the 9th September 1881, No. 2967, remitting the stamp duty on all leases or counterparts of leases executed at the time of settlements made directly by Government with the existing occupants of land, shall have retrospective effect in respect of Ilam leases granted previous to the publication of the said Notification under the Ilam Rules to occupants of land taken for the cultivation of tea in the Sylhet District of Assam.

T. C. HOPE,
Secy. to the Govt. of India.

MILITARY DEPARTMENT.

Simla, the 2nd June, 1882.

APPOINTMENTS.

No. 298.—STAFF CORPS—

The undermentioned officers, appointed by the Secretary of State probationers for the Indian Staff Corps from regiments out of India, are placed at the disposal of the Government of Madras, in view to their appointment to the Staff Corps of that presidency, with effect from the date of their arrival in India:—

Lieutenant G. V. Burrows, Royal Irish Rifles.
Lieutenant W. Browne, Royal Irish Rifles.
Lieutenant L. R. Tuson, Cheshire Regiment.
Lieutenant E. S. Strickland, North Staffordshire Regiment.
Lieutenant E. C. W. M. Kennedy, Yorkshire Regiment.

No. 299.—The undermentioned officers, appointed by the Secretary of State probationers for the Indian Staff Corps from regiments out of India, are placed at the disposal of the Government of Bombay, in view to their appointment to the Staff Corps of that presidency, with effect from the date of their arrival in India:—

Lieutenant J. Davies, Yorkshire Regiment.
Lieutenant C. H. Woodhouse, Royal Sussex Regiment.
Lieutenant R. T. Doveton, Royal Sussex Regiment.
Lieutenant M. E. Carthew-Yorstoun, Hampshire Regiment.
Lieutenant C. E. Mardall, Shropshire Regiment.

No. 300.—The undermentioned officer is admitted to the Bengal Staff Corps, with effect from the date specified, subject to the confirmation of the Right Hon'ble the Secretary of State for India:—

Lieutenant Charles Bellew Judge, Leinster Regiment, Officiating Wing Officer, 2nd Goorkha Regiment,—12th February, 1881.

No. 301.—GARRISON INSTRUCTION STAFF IN INDIA—

Captain G. Henry, R.E., Officiating Garrison Instructor, is confirmed in that appointment, *vice* Major P. W. Watts, resigned. Dated 5th May, 1882.

CLOTHING.

No. 302.—G. G. O. No. 1031 of 1878, making applicable to India Clause 76, War Office Army Circulars, dated 1st April, 1878, "Annual Report on Clothing," is cancelled.

FURLOUGH AND LEAVE.

No. 303.—The undermentioned officers are granted furlough out of India, with the necessary subsidiary leave :—

Captain (Brevet Lieutenant-Colonel) M. G. Gerard, Bengal S. C., Squadron Commander, 1st Regiment, Central India Horse, (p. a.) for one year and 172 days, under rule IX of the regulations of 1868.

Captain M. A. Gray, Bengal S. C., Assistant Commissioner, 2nd Grade, Assam, (u. p. a.) for 182 days, under rule IX of the regulations of 1868.

Lieutenant W. T. Shone, R.E., Executive Engineer, 4th Grade, Military Works Department, (p. a.) for one year, under rule IX of the regulations of 1868.

Surgeon-Major R. C. Chandra, Professor of Materia Medica and Clinical Medicine, Medical College, Calcutta, and *ex-officio* Second Physician of the College Hospital, (p. a.) for two years, under rule IX of the regulations of 1868.

No. 304.—With reference to G. G. O. No. 4 of 1882, Lieutenant W. H. Allen, Bengal S. C., has been granted by the Right Hon'ble the Secretary of State for India furlough (m. c.) for 213 days, with effect from the 16th January, 1882, under the ruling on rule VI of the regulations of 1875.

LONDON GAZETTE.

No. 305.—The following extracts are published for general information :—

"London Gazette," dated the 25th April, 1882, page 1847.

"WAR OFFICE;

Pall Mall, 25th April, 1882.

BREVET.

MEMORANDA.

The undermentioned Warrant Officers of the Bengal Establishment to have honorary rank conferred on them, with effect from the 24th November, 1881 :—

To be Captain.

Honorary Lieutenant and Deputy-Commissary Richard Moncks.

To be Lieutenants.

Deputy-Assistant Commissaries David Marshall, John Halliday, James Brown, Thomas Shanahan, Thomas Scott, Charles Dodge, and Francis Fraser.

The rank of Honorary Lieutenant J. Lucas, Bombay Establishment, is antedated from the 31st August, 1881 (as notified in the *London Gazette* of 29th November, 1881), to 11th August, 1881."

PROMOTIONS.

No. 306.—The following promotions are made, subject to Her Majesty's approval :—

BENGAL STAFF CORPS.

To be Major.

Captain Arthur Francis Lambe,—27th May, 1882.

BREVET.

To be Lieutenant-Colonel.

Major Patrick Roddy, V.C., Bengal Unattached List, in succession to Major-General J. A. Wright, Bengal S. C., deceased. Dated 2nd March, 1882.

No. 307.—INDIAN ARMY—

The following promotions are made, subject to Her Majesty's approval :—

BENGAL ARMY.

To be Lieutenant-Colonel.

Major (Brevet Colonel) Cunliffe Martin, C.B., Bengal Cavalry.

To be Major.

Captain (Brevet Major) Richard Graham Birch, late 1st European Light Cavalry.

From the 13th April, 1882, in succession to Lieutenant-Colonel J. L. Loch, Bengal Cavalry, deceased.

No. 308.—NATIVE ARMY—

8th Native Infantry.

Color-Havildar Anunt Singh, to be Jemadar, *vice* Ramruttun Singh, deceased,—13th January, 1882.

RETIREMENTS.

No. 309.—Lieutenant-Colonel George Henry Welland Hoggan, Bengal S. C., is permitted to retire from the service, with effect from the 23rd May, 1882, subject to Her Majesty's approval.

No. 310.—With reference to paragraph 32 of the Secretary of State's despatch No. 407, dated 8th December, 1881, published in G. G. O. No. 10 of 1882, the Governor General in Council is pleased to notify that, under instructions from Her Majesty's Government, a General Officer of the Royal (late Indian) Artillery and Engineers will be eligible to retire with the extra annuity available under the provisions of the Royal Warrant of the 6th September, 1878, provided he has completed 5 years' service in the ranks of regimental Lieutenant-Colonel, Colonel and Major-General, combined.

REWARDS.

No. 311.—With reference to G. G. O. No. 549 of 1871, His Excellency the Governor General in Council is pleased to confer on Quartermaster Sergeant Thomas Lowe, European Invalid Battalion, an annuity of £10, with effect from the 16th April, 1881, *vice* Sergeant-Major John Campbell, deceased.

This cancels the grant of the gratuity and medal to Quartermaster Sergeant Lowe, notified in General Order by His Excellency the Commander-in-Chief in India, dated the 20th March, 1865.

G. CHESNEY, *Colonel,*
Secretary to the Government of India.

MILITARY DEPARTMENT.

NOTIFICATION.

Calcutta, the 29th May, 1882.

Under Clause 26 of the Regulations appended to the Regimental Debts Act of 1863, it is notified that reports of the deaths of the undermentioned commissioned officers, on the dates specified, were received in the Military Department from the 16th to 29th May, 1882:—

Corps.	Rank and Names.	Date of decease.	Place of decease.	Testate or Intestate.	Remarks.
Royal Horse Artillery ...	Lieutenant-Colonel A. Dixon ...	16th May, 1882	Kasauli ...	...	...
Bengal Staff Corps ...	Captain C. J. R. Fulford ...	4th May, 1882	Peshawar ...	...	...

Statement of Deposits on account of Estates from the 16th to 29th May, 1882.

On whose account.	Rank.	Corps.	Date of decease.	Testate or Intestate.	Total unclaimed amount deposited.	Amount paid in India.	Date to which claims will be received.
British Military Service.					Rs. A. P.		
Arthur Gibbings (*a*) ...	Major ...	1st (King's) Dragoon Guards.	27th October, 1881.	Intestate	629 8 7	...	...
Edward C. Waud (*b*) ...	Lieutenant ...	Ditto	17th November, 1881.	Will left	6,414 1 8	...	...
James Lewis (*c*) ...	Captain ...	2nd Battalion, Royal Warwickshire Regiment.	21st December, 1881.	Intestate	501 12 8	...	29th July, 1882.

Next-of-kin.— (*a*) Mrs. Gibbings, Miss Gibbings, Lieutenant Gibbings, R.N.
(*b*) William Henry Waud, Cromwell Road, Kensington, London.
(*c*) *Mother*—Mary Lewis, Nettlefield, Belfast, Ireland.

W. M. LEES, *Colonel,*
Officiating Secretary to the Government of India.

MILITARY (MARINE) DEPARTMENT.

Simla, the 2nd June, 1882.

PROMOTIONS.

No. 24.—The following Assistant Engineers, 1st class, in Her Majesty's Indian Marine to be Engineers from the 1st April, 1882:—

Mr. P. Brown.
Mr. R. M. Beale.
Mr. J. Brown.

G. CHESNEY, *Colonel,*
Secretary to the Government of India.

PUBLIC WORKS DEPARTMENT.

NOTIFICATIONS.

Simla, the 31st May 1882.

No. 146.—Major E. L. Marryat, R.E., Manager, Punjab Northern State Railway, is promoted temporarily from Class I, 2nd Grade, to Class I, 1st Grade, of the Revenue Scale, with effect from 6th May 1882.

No. 147.—Lieutenant-Colonel C. H. Luard, R.E., Superintending Engineer, Class I, and Officiating Consulting Engineer to the Government of India for Guaranteed Railways, Lucknow, is temporarily promoted to Chief Engineer, Class III, with effect from 27th May 1882.

The 1st June 1882.

No. 148.—Mr. C. L. Desmazures, Storekeeper, 2nd Grade, is transferred to Class IV of the State Railway Revenue Establishment, with effect from 1st January 1882.

The 2nd June 1882.

No. 149.—*Corrigendum.*—In Public Works Department Notification No. 274, dated 11th August 1881, for "*furlough,*" read "*privilege leave.*"

W. S. TREVOR, *Colonel, R.E.,*
Secy. to the Govt. of India.

The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, JUNE 3, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation

PART II.

Notifications by High Court, Comptroller General, &c.

GAZETTE OF INDIA.

NOTICE.

The 11th March 1882.

From the 8th April next, till further notice, Parts I, IV, and V of the *Gazette of India*, and the Weather and Crop Report, will be published at Simla. After the 1st April, all Notifications and other matter intended for publication in those Parts, should be addressed to the Officiating Publisher at that station.

Parts II and III and the Supplement will continue to be published in Calcutta.

Parts IV and V of the *Gazette of India*, containing the Acts and Bills of the Legislative Council, may be subscribed for separately from the other Parts of the Gazette. The annual subscription for the two Parts will be Rs. 5 per annum, payable in advance. When sent by post, Rs. 2-8 per annum additional will be charged for postage. For the current year these Parts are available from 1st May only, the back numbers being out of print.

Complaints regarding non-receipt of any number of the *Gazette* should be forwarded within a week after the day on which it is due.

Applications for the supply of the *Gazette* on the *public service* should be addressed to the Home Department.

By an order of Government, all subscriptions must be paid *in advance*.

	Rs.	A.	P.
Subscription for *Gazette* and Supplement per annum	15	0	0
Postage	5	8	0
Subscription for Supplement only	6	0	0
Postage	3	0	0
For a single copy of the *Gazette*	0	8	0
For a single copy of the Supplement	0	8	0

Postage on single copies varies according to weight.

E. J. DEAN,

Publisher, Gazette of India.

NOTICE.

The Office of Superintendent of Government Printing having been removed to No. 166, Dhurrumtollah Street, all communications intended for that Office should be sent to that address.

E. J. DEAN,

Supdt. of Govt. Printing India.

HIGH COURT—Original Side.

NOTIFICATIONS.

Calcutta, the 18th May 1882.

The Honorable the Chief Justice of the High Court of Judicature at Fort William in Bengal has appointed Biagioni Paterson, Esq., of No. 101, St. Vincent Street, Glasgow, Scotland, Solicitor, a Commissioner, within all parts of Scotland, for the purpose of taking, under the law in force in British India, the acknowledgments of married women of deeds to be executed by them in respect of property in British India.

The Honorable the Chief Justice has, with the approval of His Excellency the Governor General of India in Council, appointed Mr. Charles Piffard, Barrister-at-Law, to officiate as Clerk of the Crown, during the absence on leave of Mr. C. H. Reily, or until further order.

By Order,

R. BELCHAMBERS,

Registrar.

NOTICE TO MARINERS.

No. 21 of 1882.

BAY OF BENGAL—COROMANDEL COAST.

PULICAT.

Alteration of Colour of Light-house.

Information has been received from the Port Officer, Madras, that, in future, the Light-house at Pulicat will be painted in white and black bands, instead of all white, as formerly.

By direction of the Government of India,

A. DUNDAS TAYLOR, *Comdr. (late I.N.),*

Superintendent, Marine Survey of India.

Marine Survey Department,

Calcutta,

The 22nd May 1882.

This Notice affects the following :—

BRITISH ADMIRALTY Charts, Nos. 71*c*, 828, 70 and 748*b*; also Light List for 1882.

INDIAN MARINE SURVEY Charts, Nos. 15*b*, 103*a* and 1257*a*; Light List for 1882; also Taylor's Sailing Directory, Vol. I, page 459.

If this Notice is received on board-ship, the substance of it should be inserted on the Charts affected by it, and introduced into the Sailing Directions to which it relates.

REVENUE BRANCH, SURVEY OF INDIA.

NOTIFICATION.

Calcutta, the 29th May 1882.

No. 5.—Mr. G. A. Knight, Assistant Surveyor, 2nd Grade, is granted privilege leave for two months, with effect from the forenoon of the 13th instant, under the provisions of Chapter X, Section 136, of the Civil Leave Code.

J. SCONCE, *Lieut.-Col.,*

Deputy Surveyor General.

AGENT, GOVERNOR GENERAL, FOR RAJPUTANA.

NOTIFICATION.

Mount Abu, the 29th May 1882.

No. 1468 G.—Mr. J. R. Tregear, Assistant Superintendent, Rajputana-Malwa Railway Police, is appointed to hold charge of the current duties of the Office of Superintendent, Rajputana-Malwa Railway Police, in addition to his own, *vice* Lieutenant C. W. Ravenshaw, proceeded on furlough, with effect from the afternoon of the 20th May 1882.

By Order,

E. A. FRASER,

1st Asst. Agent to the Govr. Genl.

SURGEON-GENERAL WITH THE GOVERNMENT OF INDIA.

NOTIFICATIONS.

Simla, the 8th May 1882.

No. 19.—Third Grade Assistant Surgeon Upendra Nath Mittra, of the supernumerary list, is permitted to resign the service.

The 10th May 1882.

No. 20.—Third Grade Assistant Surgeon Keshub Chunder Bose, of the supernumerary list, is dismissed the service, with effect from the 17th April 1882.

J. M. CUNINGHAM, M.D.,

Surgeon-General with the Govt. of India.

MILITARY DEPARTMENT—Military Works.

NOTIFICATIONS.

Simla, the 29th May 1882.

No. 25.—Lieutenant F. B. G. D'Aguilar, R.E., Executive Engineer, 4th Grade, is transferred, as a temporary measure, from the Sirhind and Lahore to the Presidency and Oudh Command, Military Works, and posted to the Lucknow Division.

No. 26.—Captain W. L. Greenstreet, R.E., Temporary Superintending Engineer, 3rd Class, is transferred from the Presidency and Oudh Command to the Head-Quarters Office of the Inspector General of Military Works.

J. J. McLEOD INNES, *Colonel, R.E.,*

Inspr. Genl. of Military Works.

Sirhind & Lahore Command.

Lahore, the 29th May 1882.

No. 120.—Lieutenant G. H. Sim, R.E., Temporary Executive Engineer, is transferred from the Kasauli to the Ferozepore Division, Military Works. He reported his arrival at Ferozepore on the 12th May and assumed charge of that Division from Lieutenant F. B. G. D'Aguilar, R.E., on the afternoon of 19th idem.

The 30th May 1882.

No. 121.—Major Arthur Hill, R.E., Executive Engineer, is transferred from the Umballa to the Dalhousie Division, Military Works, of which he assumed charge, on the afternoon of the 23rd May 1882, from Major G. D'A. Jackson, Executive Engineer.

T. C. MANDERSON, *Major, R.E.,*

Supdg. Engr., Sirhind & Lahore Command, Military Works.

DIRECTOR GENERAL OF RAILWAYS.

NOTIFICATIONS.—ESTABLISHMENT.

Simla, the 23rd May 1882.

No. 38.—With reference to Public Works Department Notification No. 141, dated 18th May 1882, Mr. F. K. Cunliffe, Store-keeper, is posted to the Punjab Northern State Railway, Construction Section.

The 26th May 1882.

No. 39.—Mr. E. H. Tuck, Assistant Engineer, 2nd Grade, is transferred from the Punjab Northern State Railway, Construction Section, to the Open Line of the same Railway.

No. 40.—This Office Notification No. 35, dated 20th April 1882, granting Mr. Tuck three months' language leave, is hereby cancelled.

F. S. STANTON, *Col., R.E.,*
Director General of Railways.

Report of a Deserter from the 1st Battalion, Worcestershire Regiment of Foot, dated at Nusseerabad, this 23rd day of May 1882.

Number, Rank, and Name,—No. 2084, Private John Madden.
Age,—35 years 7 months.
Size,—5 feet 5½ inches.
Colour of—
Complexion, fresh; Hair, dark brown; Eyes, blue.
Date of Desertion,—18th May 1882.
Place of Desertion,—Tarraghur Sanitarium, Rajpootana.
Date of Enlistment,—21st October 1870.
At what Place Enlisted,—Chatham.
Parish and County in which Born,—Cardiff, Glamorganshire.
Marks,—
Trade,—Ship Carpenter.
Coat or Jacket,— } Khakee clothing.
Waistcoat,— ... } Khakee clothing.
Breeches or Trowsers,— } Khakee clothing.
REMARKS,—
Under 3 years' service.

F. C. RUSTON, *Lieut.-Col.,*
Comdg. 1st Battn., Worcestershire Regt.

Weekly Statement of Silver tendered, of Certificates issued, and Silver Balance in the Mint.

DATE.	SILVER TENDERED, ESTIMATED VALUE.	CERTIFICATES ISSUED ON		BALANCE OF BULLION		
		General Treasury.	Currency Department.	Under Assay.	Assayed.	Held on account of the Currency Department.
1882.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
May 22	...	28,330	...	1,408	91,81,657	39,73,772
,, 23	...	29,736	1,370	1,408	92,41,933	39,45,902
,, 24	Holiday.					
,, 25	...	29,268	...	7	93,30,251	39,19,871
,, 26	...	29,691	...	7	92,82,360	38,91,987
,, 27	Holiday.					

CALCUTTA MINT,
The 29th May 1882.

J. F. TENNANT, *Col., R.E.,*
Mint Master.

CURRENCY NOTES.

The following Currency Notes of the Government of India are stated to have been lost, and payment of their value has been claimed by the persons whose names are placed against the numbers. Any other person having these Notes in his possession, or claiming a right to them, is warned to communicate at once with the undersigned:—

Calcutta Circle.

NOTES WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Notes.	Value. Rs.	Name of Claimant.
47	... O 71—87865 ...	500	Bhekari Bhagut Modi.
48	... P 11—05457 ...	500	Mr. Twanoungphrov.
49	... P 12—30588 ...	1,000	Mr. Moung HpoGyee.
50	... O 71—98095 ...	500	The Deputy Post Master General, Oudh.
51	... O 65—54944 ...	50	Ishan Chandra Mitra.

CALCUTTA,
The 2nd June 1882.

J. TAYLOR,
Asst. Comptlr. Genl., Paper Currency.

Madras Circle.

NOTE WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Note.	Value. Rs.	Name of Claimant.
5	... B 66—57670 ...	100	K. Annajee Row, Shimoga, Nugger Division.

FORT SAINT GEORGE,
The 22nd May 1882.

H. S. GROVES,
Assistant Accountant General, in charge of Paper Currency Dept., for Commissioner.

DUM-DUM CEMETERY.

List of dilapidated Tombs in the oldest Dum-Dum Cemetery requiring repair or else removal.

Serjeant Thomas Cook, Artillery,—*obiit* 5th March 1800, *æt.* 50 years.

Anna Louisa Horsford, wife of Lieutenant R. Horsford, Artillery,—*obiit* 16th July 1831, *æt.* 21 years.

Elizabeth Louisa Tennant, daughter of Major Tennant,—*obiit* 26th September 1832, *æt.* 10 months.

Cenotaph erected by Brother Officers.—Lieutenant-Colonel George Mason, C.B., Commanding Artillery,—died at Sandheads, 7th August 1821.

J. F. Todd, M.D., H.E.T.C.S.,—*obiit* September 1821, *æt.* 22 years.

Adelaide, wife of Captain Scott, Artillery,—*obiit* 8th October 1821, *æt.* 22 years.

Bombardier J. J. Burrell,—*obiit* 11th August 1841, *æt.* 34 years.

Elizabeth, daughter of Major Pollock,—*obiit* 24th November 1824.

Georgiana Jane, daughter of Captain Pollock,—*obiit* 23rd February 1818, *æt.* 15 months.

Captain William Shipton,—*obiit* 28th December 1804, *æt.* 39 years.

Christopher Maurice Dunn,—*obiit* 10th October 1840, *æt.* 14 years.

Mary Ann Owen,—*obiit* 4th April 1843, *æt.* 2 years.

Ann Wadell, child of Captain H. P. Hughes, Artillery,—*obiit* 9th May 1839, *æt.* 1 year.

James Doddington Sherwood Russell, sixth son of Henny Patrick Russell,—*obiit* 4th January 1833, *æt.* 2 years.

Alicia Jeannette, daughter of late Captain Turner, 58th Regiment,—*obiit* 9th March 1833, *æt.* 5 years.

Louisa Clementina, infant daughter of Captain Vanrenen, Artillery,—*obiit* 24th September 1832, *æt.* 3 months.

Jane Frances, infant daughter of Captain Vanrenen, Artillery,—*obiit* 10th August 1828, *æt.* 1 year 6 months.

Helen Henrietta, third daughter of Bazaar Serjeant Chaunce,—*obiit* 29th January 1835, *æt.* 9 years.

Mary Alicia, daughter of Captain Frederick Roberts, Bengal Horse Artillery,—*obiit* 1835.

The abovementioned masonry graves have fallen into disrepair.

This list will be published three times in the Gazette according to Government orders.

If the relatives of the deceased (names published) do not come forward within a reasonable time, the tombs will be levelled with the ground and the slabs on which the names are graven will be let into the nearest wall.

A. W. R. QUINLAN,
Chaplain, Dum-Dum.

DUM-DUM,
The 30th May 1882.

ST. MARY'S CEMETERY, MADRAS.

DILAPIDATED TOMBS.

Notice is hereby given that the Monuments and Tombs in St. Mary's Cemetery enumerated below are now in a ruinous condition. Such of them as are not restored by persons interested before the 30th day of next September will be made level with the ground, and the inscription slab will be placed over the grave or erected on the adjoining wall of the Cemetery by the Government Officer.

W. LEEMING,

Garrison Chaplain.

Half-yearly Report of certain Grave Stones, Tombs, and other Monuments in Saint Mary's Cemetery, Madras, requiring repairs.

Compartment No.	No. of Grave in Cemetery Register.	Date of Death.	Full Name as inscribed on Head Stone.	Rank or Regimental Profession or Calling of Person buried.	General Description of Tomb.	Size of Tomb.	General present Requirements.
8	25	15th May 1849	Mrs. Mary Coultroup	Mother of Mr. Parker Coultroup	Polished Granite on Masonry Plinth.	5 × 5	Plinth requires plastering.
8	13	3rd June 1824	Mrs. Hannah Bounington	Servant to Lady Franklin	Brick-in-mortar	3½ × 2	Requires plastering.
8	4	18th August 1813	Margaret Fraser	Wife of William Fraser	High Structure Brick-work.	10¼ × 10¼	Do.
8	3	9th June 1812	Thomas William Jackson	Serjeant, H. M.'s 25th Regiment, Light Dragoons.	Rectangular Brickwork	8¼ × 3½	Do.
8	11	25th October 1819	Robert Outlaw	Captain, 3rd Regiment, Light Cavalry	Obelisk. Brick-in-mortar.	3½ × 3½	Do.
8	20	24th June 1839	Mrs. Ann Beswick	. . . . .	Do.	7 × 3¾	Do.
8	15	27th December 1824	Francis Boyle	. . . . .	Do.	7¼ × 7¼	Do.
8	18	12th April 1833	Mr. Walter Patrick Joyes	. . . . .	Do.	7½ × 3½	Do.
8	8	14th March 1817	W. H. Slade	Honorable Lieutenant, E. I. C. S.	Do.	7¾ × 4¼	Do.
8	12	25th August 1821	Caroline Talbot	Daughter of G. Talbot, Conductor of Ordnance	Do.	2¼ × 2¼	Do.
8	2	24th September 1811	John Nicholas Brady	. . . . .	Do.	4 × 2¼	Do.
8	6	31st January 1814	John Reid	. . . . .	Do.	8½ × 8½	Do.
8	9	16th November 1817	Richard Davidson	Sub-Assistant Surgeon, H. M.'s Service	Do.	6¾ × 4¾	Do.
8	23	8th March 1839	Mrs. Susan Anderson	Wife of Edward Y. Anderson	Do.	7 × 3¾	Do.
8	16	1828	Susan	. . . . .	Do.	2¼ × 1	Very bad order; requires plastering.
8	17	7th September 1830	Samuel Peach Boutflour	Civil Service	Do.	2¼ × 1¼	Requires plastering.
8	7	28th February 1817	William Lewis	Lieutenant-Colonel	High Structure, Brick-in-mortar.	8 × 8	Do.

9	19	9th May 1815	Edward Malton	Captain, 13th Regiment, M. N. I.	Brick-in-mortar	8½ × 5¾	Do.
9	28	7th March 1821	Margaret Clark	Wife of Conductor S. Clark	Do.	7 × 3¾	Do.
9	41	3rd April 1844	Ellen Girton McNamee	Wife of Lieutenant and Adjutant John McNamee of H. M.'s 57th Regiment.	Do.	4¼ × 3½	Do.
9	22	23rd April 1816	Georgiana Willows	Wife of Lieutenant John Willows of the 25th Regiment, N. I.	Brickwork	6 × 6	Do.
9	40	14th July 1831	Henrietta Dorothea Haig	Wife of Captain James Russell Haig, Deputy Assistant Adjutant-General.	Do.	2¼ × 5	Do.
9	39	12th July 1831 A.D.	Charles Rundall	Lieutenant-Colonel, Deputy Military Auditor-General.	Do.	2¼ × 5	Do.
9	31	4th February 1822	Catherine Elizabeth	The daughter of Captain N. H. Hatherly	Do.	3 × 2	Do.
9	30	30th December 1821	John Roe	H. M.'s 2-30th Regiment	Do.	4¼ × 4¼	Do.
9	50	1st April 1839	James Russell Haig	Major, 34th C. L. I., and Acting Adjutant-General of the Army, Fort St. George.	Do.	7 × 3½	Do.
9	23	2nd June 1816	William Williams	Son of Serjeant John Williams, Pensioner	Do.	4½ × 2½	Do.
9	29	26th May 1821	William Henry Boyle	Son of Lieutenant, 10th Regiment, N. I.	Do.	3½ × 3½	Do.
9	13	25th June 1813	Mr. Francis Gammidge	. . . . .	Do.	7¾ × 3½	Do.
9	10	2nd April 1813	Mr. P. S. R. Higham	Conductor	Do.	3 × 4¼	Do.
9	12	3rd May 1813	William Ross	Cabinet-maker, Madras	Do.	7½ × 6½	Do.
9	8	10th December 1812 A.D.	John Young Porter	Captain, 9th Regiment, N. I.	Do.	5 × 3	Do.
9	24	16th September 1816	Thomas and John Hunt, Brothers.	Master Attendant, Ganjam; latter Head Book-keeper, Accountant-General's Office, Madras.	Do.	5½ × 5½	Do.
9	7	5th March 1813	James Jacobs	School Master	Do.	6 × 4½	Do.
9	26	28th May A.D. 1819	Mrs. Johanna Stephenson	Wife of Mr. J. W. Stephenson	Do.	6¾ × 6¾	Do.
9	11	24th April A.D. 1813	Mr. William Stephenson	Sub-Assistant Surgeon under the Presidency, Fort St. George.	Do.	6 × 6	Do.
9	46	10th July 1835	Charlotte Mary Anne	Wife of Richard Henry Daniel Towle, Mariner	Do.	8 × 4	Do.
9	20	28th September 1815	Lewis Udolphus Wellington	Infant son of Nickolas Heefke	Do.	4¾ × 4¾	Do.
9	4	12th May 1812	W. Weldon	Late Store Sergeant of H. M.'s 80th Regiment.	Do.	9 × 3	Do.
9	2	3rd October 1811	Eliza	Daughter of Captain Dalrymple	Do.	4 × 4	Do.
9	69	. . . . .	John Gammidge	Private of H. M.'s 22nd L. D.	Brick-in-chunam	8 × 3½	Do.
9	17	12th September 1813	Charlotte	Wife of Captain Prior, Royal Navy	Brickwork	8 × 3½	Do.
9	15	21st July 1813	Mary Anne	Daughter of Joseph Prior, Esq.	Do.	3¾ × 2¼	Do.
9	6	16th August 1812	Mark Butler	. . . . .	Brick-in-mortar	4½ × 2½	Do.
9	14	9th July 1813	Louisa Harrison	Daughter of George B. and Harriet Harrison	Brickwork	3½ × 3½	Do.
9	9	2nd February 1813	Hugh Love	Surgeon, H. M.'s S. *Africaine*	Do.	7 × 3½	Do.
9	3	21st April A.D. 1812	John Alexander Somerset Williams.	Late Deputy Register of the Supreme Court	Do.	4 × 2½	Do.
9	18	19th April 1814	Henry Charles	Third son of Samuel Thomas Goad	Do.	8¼ × 8¼	Do.

Half-yearly Report of certain Grave Stones, Tombs, and other Monuments in St. Mary's Cemetery, Madras, requiring repairs—continued.

Compartment No.	No. of Grave in Cemetery Register.	Date of Death.	Full Name as inscribed on Head Stone.	Rank or Regimental Profession or Calling of Person buried.	General Description of Tomb.	Size of Tomb.	General present Requirements.
9	25	9th March 1817	Maria Jane	Wife of Samuel Thomas Goad, Esq.	Brickwork	4 × 2½	Requires plastering.
9	32	10th November 1822	Adam Tate Gibson	Captain, H. M.'s 10th and 51st Regiment, and latterly a merchant of Madras.	Do.	3¾ × 3¾	Do.
9	27	8th September 1819	The children of Maria Jane Howse.	. . . . .	Do.	7½ × 3¼	Do.
9	35	14th January 1835	Mrs. Mary Ann McGovern	Wife of Sub-Conductor John McGovern	Do.	7 × 3½	Do.
9	37	25th June 1842	Mr. Henry Portengen	Superintendent of the Monegar Choultry	Do.	7 × 3½	Do.
10	11	9th April 1812	Mr. John Haliburton	Eldest son of Colonel Haliburton	Do.	7¼ × 3¾	Do.
10	6	28th February 1811	Arthur Poyntz	Quartermaster of H. M.'s 30th Regiment	Do.	6½ × 4½	Do.
10	21	16th May 1822	Mrs. Emilia Perry	Wife of Mr. D. Perry	Do.	4¾ × 4¾	Do.
10	65	21st May 1869	Christopher Read DeLahoyde	Quartermaster-Sergeant, Governor's Body Guard.	Do.	7 × 3½	Do.
10	36	1st May 1824	Peregrine Davie	Captain, 1st Battalion, 24th Regiment, N. I.	Do.	5 × 4	Do.
10	24	11th June 1819	James John	Son of Captain William Ormsby	Do.	4½ × 4½	Do.
10	12	1st September 1812	Mr. Francis Medhurst	A Midshipman of H. M.'s Ship *Malacca*	Do.	5½ × 5½	Do.
10	7	26th June 1811	John Stanley Smith	Ensign, M. E. Regiment	Do.	6 × 3½	Do.
10	4	8th November 1810	Mr. Francis Monisse	. . . . .	High Structure Brickwork.	5¾ × 5¾	Do.
10	1	18th January 1811	Maria Green	Wife of John Green, Conductor of Ordnance	Brickwork	8¼ × 3½	Do.
10	41	17th March 1831	Mr. James Richard Daily	Proprietor of the Madras Tannery	Do.	8 × 4½	Do.
10	37	3rd September 1824	John Dupont Godfrey	. . . . .	Do.	8 × 5	Do.
10	43	25th December 1827	Mrs. Jane Donaldson	. . . . .	Do.	3½ × 3½	Do.
10	49	14th October 1830	William Clamp	Infant son of Brookes, Deputy Assistant Commissary.	Do.	7½ × 3¾	Do.
10	5	8th September 1813	Sarah Shea	. . . . .	Do.	6½ × 3	Do.
10	14	19th September 1812	John Pryee Harrison	Lieutenant, 24th Regiment	Do.	8½ × 5½	Do.
10	13	3rd September 1812	James Locke	Lieutenant, 3rd Regiment, Cavalry, Fort St. George.	Do.	8 × 3½	Do.
10	3	10th September 1810	Charlotte	Wife of James White, Esq., Paymaster, H. M.'s 89th Regiment.	Do.	5¾ × 5¾	Do.
10	39½	20th May 1826	Louisa	Wife of G. E. Askin	Do.	3¼ × 3¼	Do.
11	14	16th September 1806	William Wittington	. . . . .	Do.	8 × 3½	Do.
11	56	18th May 1833	Arthur King	Lieutenant, Deputy Commissary of Ordnance.	Do.	7 × 3¾	Do.
11	26	10th October 1812	Marianna Jebb	Wife of Richard Jebb, LL.D.	Do.	7¾ × 4	Do.

11	54	30th July 1850	Thomas Locke	Captain of the 1st Native Veteran Battalion	Do.	12 × 7½	Do.
11	30	25th July 1814	Edward Dance	. . . . .	Do.	7½ × 5	Do.
7	23	6th March 1841	Michael Pollard	. . . . .	Do.	6¾ × 3¼	Do.
7	1	28th June 1804	Richard Leslie, A.M.	Minister of Fort St. George	Do.	8¼ × 3½	Do.
7	3	27th November 1815.	Charles Alexander James McBain.	. . . . .	Do.	4½ × 4½	Do.
7	4	16th January 1820	Mr. George Childs	. . . . .	Do.	9½ × 6½	Do.
7	46	16th March 1863	Henry Arthur Gilbert Reneaux.	. . . . .	Do.	9 × 4½	Do.
7	20	21st January 1839	Mary Anne	Relict of Mr. Samuel Higginson, Surgeon, Madras Army.	Do.	7 × 3¼	Do.
7	7	29th April 1827	Gilbert Laird	. . . . .	Do.	12 × 10½	Do.
7	44	2nd October 1861	John Hill	Deputy Assistant Commissary and Overseer, D. P. W., Fort St. George.	Do.	7 × 4	Do.
7	10	10th February 1834	Adelaide Wheeler	Captain Richard Wheeler of H. H. Nizam's Service.	Do.	9¾ × 5	Do.
7	11	12th October 1832	Lavinia Josephine Rowbotham.	. . . . .	Do.	2½ × 2½	Do.
7	17	30th August 1836	David Peloquin Hooker	Deputy Commissary of Ordnance	Do.	7 × 3¾	Do.
7	12	1st November 1833	William Henry Golding Mapleton.	. . . . .	Do.	6¾ × 3	Do.
7	31	29th do. 1847	Joanna Frantz	. . . . .	Do.	7¼ × 2¾	Do.
7	41	10th June 1858	Mr. George Edwards	The valued Trustee of the Madras Mutual Benefit Fund.	Do.	7½ × 4	Do.
7	13	6th February 1834	H. J. Pattison	Cornet, 4th Regiment, Light Cavalry	Do.	7 × 3½	Do.
7	36	16th March 1852	Mrs. Louisa Walker	. . . . .	Do.	12 × 7¾	Do.
6	4	7th December 1831	Susan Quin	Wife of Mr. Felix Borgonha	Do.	7 × 3¾	Do.
6	46	From Dec. 1857 to March 1860.	W. Bryant G. Martin W. Stubbings R. Offord Color Sergeant T. Edwards E. Garland J. Smith	Who died during the Indian Mutiny	Do.	7 × 3½	Do.
6	56	26th November 1860	Charles Thomas.	Son of Quartermaster A. Williams, H. M.'s 43rd Regiment, Lieutenant.	Do.	7 × 3½	Do.
6	6	20th February 1833	William Bye	Key Serjeant of Black Town	Do.	8 × 4	Do.
6	57	28th September 1861	Charles William Xavier	Medical Student	Do.	7 × 3½	Do.
6	58	31st May 1839	Matilda Adeline Lucas	. . . . .	Do.	6 × 4	Do.
6	7	28th May 1838	Margaret Greaves Marshall	. . . . .	Do	5 × 2½	Do.
6	35	31st August 1852	Frances Margaret Harris	. . . . .	Do.	6½ × 4	Do.

Half-yearly Report of certain Grave Stones, Tombs, and other Monuments in St. Mary's Cemetery, Madras, requiring repairs—continued.

Compartment No.	No. of Grave in Cemetery Register.	Date of Death.	Full Name as inscribed on Head Stone.	Rank or Regimental Profession or Calling of Person buried.	General Description of Tomb.	Size of Tomb.	General present Requirements.
6	31	29th November 1850	Christiana Frances	Wife of Mr. John Castor	Brickwork	14 × 9½	Requires plastering.
6	21	22nd January 1846	Terence C. Corley	Lieutenant, Deputy Assistant Commissary of Ordnance.	Do.	4 × 5	Do.
6	64	13th September 1861	John Edmund Sandford	Son of Frances William	Do.	5 × 2½	Do.
6	55	27th September 1860.	John Ward	Staff Sergeant, Commissariat Department	Do.	4½ × 3¼	Do.
6	2	26th September 1821.	William Urquhart	Projector and original Proprietor of the Commercial Circulator Press.	Do.	6¾ × 9½	Do.
5	25	11th February 1850	Robert Grant Carmichael	Major, 38th Regiment, M. N. I.	Do.	7½ × 3½	Do.
5	74	8th April 1872	William Grant, B.A.	First Uncovenanted Assistant, Board of Revenue, Madras.	Do.	7 × 3½	Do.
5	15	29th August 1875	Kathleen Cosby	Child of John Morries Maskell	Do.	6½ × 3½	Do.
5	41	27th September 1855	Edward Glass Sloan	Son of Mr. William Sloan	Do.	5½ × 3½	Do.
5	29½	29th June 1852	Mrs. Jean Milne	Wife of Overseer John Milne, Commissary Department.	Do.	4 × 2½	Do.
5	38	25th July 1855	Richard O'Hara Steele	The second son of Captain A. Loftus Steele, 6th Regiment, M. N. I.	Do.	5 × 3½	Do.
4	80	26th July 1857	Frances Edmund Plowden	Lieutenant of the 10th Regiment, M. N. I.	Do.	4 × 2	Do.
4	86	4th November 1860	Mr. John James Fitzpatrick	Invalid pensioner, Troop Quartermaster of the Horse Brigade Artillery.	Do.	5 × 2½	Do.
4	11	30th June 1820	Mrs. Mary Murray	The wife of Serjeant-Major Andrew Murray	Do.	7 × 3	Do.
4	71	5th December 1853	Ellen Maria	Son of Mr. John White	Do.	4½ × 3	Do.
...	...	15th November 1851	Angelica	Wife of Mr. Thomas Burghall	Do.	8 × 8	Do.
3	5	4th August 1813	William Greig, Esq.	...	Do.	14 × 14	Do.
2	81½	7th November 1869	F. Pace	Lieutenant, H. M.'s 45th Regiment, S. F., son of Major Pace.	Do.	6 × 4	Do.
2	86	24th December 1870	Frederick James Lawder	Quartermaster, 10th Regiment, M. N. I.	Do.	8 × 4	Do.
1	1	6th August MDCCCIX	Jacob Anderson, M.D.	...	Do.	20 × 15	Do.
1	3	23rd April 1810	Mrs. Ann Anderson Young	Daughter of Doctor James Anderson, Physician General, relict of Charles Wallace Young.	Do.	9 × 4½	Do.
1	2	8th May 1809	George Westcott	...	Do.	8 × 4	Do.
1	4½	17th July 1811	Cecilia Matilda	Daughter of the Reverend Edward Vaughan, Senior Chaplain of Fort St. George.	Do.	6¾ × 4	Do.
14	4	7th April 1808	Edward Collins	Major-General	Do.	6¾ × 6¾	Do.

14	5	26th December 1808	George Wahab	Do.	Do.	10 × 10	Do.
1	18	24th June 1860	Isaac James Kingston	Assistant Apothecary, Madras Medical Establishment.	Do.	7 × 3¾	Do.
14	17	22nd January 1868	Anne Maria	Wife of John Bennett	Do.	9 × 4¾	Do.
14	27	28th February 1864	Matilda Sophia	Wife of Sergeant-Major E. Tweddle, 2nd Regiment, M. N. I.	Do.	7 × 3¾	Do.
14	24	7th November 1862	Clarissa Wilhelmina	Wife of Sergeant R. D. Jones, Royal Artillery.	Do.	7 × 3½	Do.
15	20	6th February 1855	Frank Munroe	Staff Sergeant, Commissary Department	Do.	7 × 3½	Do.
16	19	22nd May 1833	Daniel Doherty	Assistant Surgeon, H. M.'s 49th Regiment of Foot.	Do.	6¼ × 3¾	Do.
15	8	28th November 1864	William Komareck		Do.	7 × 3½	Do.
16	26	4th March 1835	John Onely Hall Andrews	Assistant Surgeon	Do.	6¼ × 3¾	Do.
16	21	20th August 1833	Benjamin Blake	Major, 45th Regiment, M. N. I.	Do.	7 × 3½	Do.
16	20	20th July 1833	Cornelia Maria Anne Townsend.		Do.	7 × 3½	Do.
14	7	30th September 1823	David C. Stewart	Captain, 2nd Battalion, 12th Regiment	Do.	7¼ × 3½	Do.
13	37	3rd August 1800	Mr. James Rammie		Do.	5 × 5	Do.
14	6	24th March 1809	Charles Maxtone	A Senior Merchant in the service of the Honorable E. I. Company.	Do.	13 × 13	Do.
13	81	14th July 1831	Lawrence Henry Edmonstone.	Son of P. Edmonstone Craigie, Major in H. M.'s 55th Regiment.	Do.	2¾ × 2¾	Do.
13	38	12th February 1801	Mr. George Andrews Ram	Honorable Company's Civil Establishment	Do.	7 × 3½	Do.
13	47	20th August 1805	Richard Griffiths		Do.	7¾ × 7¾	Do.
13	4	4th June 1780	John Small		Do.	5¼ × 2	Do.
13	24	5th September 1798 A.D.	Thomas Peters	Captain in the Honorable East India Company.	Do.	10¼ × 4¾	Do.
13	23	11th August 1798	Charles Oram	Assistant Surgeon	Do.	6½ × 3	Do.
13	27	20th February 1799	Miss Margaretta Juliana Frend.		Do.	4½ × 3	Do.
13	90	18th May 1836	Arthur Rowlandson, M.A.		Do.	7¼ × 3½	Requires plastering for basement only.
13	70	2nd March 1823	Alexander Major	Lieutenant, H. M.'s 41st Regiment	Do.	7¼ × 3½	Requires plastering.
13	73	30th May 1825	George Johnson	Do. do. do.	Do.	7¼ × 3½	Do.
13	85	9th August 1833	J. A. Penman	Surgeon	Do.	7¼ × 3½	Do.
13	49	8th May 1807	Miss Caroline Johns	Daughter of Daniel Johns	Do.	9 × 5	Do.
13	55	16th November 1808	Thomas Bowyen Hurdis	A Senior Merchant in the service of H. C. and one of the Judges of the Sadder Court.	Large Tomb, Brickwork.	9 × 9	Do.
13	57	March 1809	Mrs. Catherine Hurdis	Widow of T. B. Hurdis	Do.	5¼ × 5¼	Do.
13	88	23rd July 1835	Sir John Gordon, Baronet	Major, H. M.'s 13th Light Dragoons	Do.	7 × 3½	Do.

Half-yearly Report of certain Grave Stones, Tombs, and other Monuments in St. Mary's Cemetery, Madras, requiring repairs—continued.

Compartment No.	No. of Grave in Cemetery Register.	Date of Death.	Full Name as inscribed on Head Stone.	Rank or Regimental Profession or Calling of Person buried.	General Description of Tomb.	Size of Tomb.	General present Requirements.
13	99½	27th February 1849	Mrs. Mary Critchlow	. . . . .	Large Tomb, Brick-work.	7 × 5½	Requires plastering.
16	23	15th June 1834	Elizabeth	Wife of Simon Fonceca	Do.	7 × 3½	Do.
13	80	5th May 1831	Anne	Eldest daughter of the Reverend F. J. Darrah, M.A., Chaplain, H.E.I.C.S.	Do.	8 × 3½	Do.
13	105	. . . . .	Alfred	The son of James and Susannah Mitchell	Do.	5½ × 3¼	Do.
13	67	26th September 1821	John Hay	Lieutenant, 34th Regiment	Do.	. . .	Do.
13	87	19th May 1834	Christopher Dexter	Lieutenant, H. M.'s 63rd Regiment	Do.	6¾ × 3½	Do.
13	48	16th January 1807	George Balmain, Esq.	Madras Civil Service	Do.	15 × 15	Do.
13	68	29th May 1822	Mrs. Hanrietta McKenzie Robson.	Wife of Captain Fellex Robson, 16th Regiment, Madras Native Infantry.	Do.	6 × 6	Do.
13	36	27th May 1800	James Rodgers	Major in the Hon'ble Co.'s Service and Military Auditor-General in the Island of Ceylon.	Do.	4½ × 4½	Do.
13	82	28th July 1832	Charles Francis Haleman	Son of Major Fs. Haleman	Do.	7 × 3½	Do.
13	20	1st September 1797	Mrs. Eleanor Nuthall	. . . . .	Do.	9 × 9	Do.
13	71	29th September 1824	Ann Henshaw	Wife of Lieutenant-General Thomas Bowson of Madras Army.	Do.	7¾ × 5¾	Do.
13	21	22nd July 1797	James Morris	Merchant of Madras	Do.	7 × 3½	Do.
13	60	23rd February 1816	Edd. Paulet Colebrooke	Do. do.	Do.	7 × 4¼	Do.
13	104	July 1880	Anna Henshaw	. . . . .	Do.	6 × 6	Do.
13	83	15th November 1832	Jane	Daughter of John Gray, Lieutenant, 51st Regiment.	Do.	7 × 3½	Do.
13	63	15th August 1817	James Gordon	Lieutenant, H. M.'s 25th Light Dragoons	Do.	9¾ × 6¾	Do.
13	54	30th September 1808	William Wade	Do. do. do.	High Structure	11 × 11	Do.
16	11	2nd February 1795	Mr. John Henderson	. . . . .	Brickwork	7 × 3¾	Do.
13	14	22nd March 1788	Sophia Bulman	Wife of John Bulman	Do.	8 × 4	Do.
13	61	18th March 1816	Mrs. Maria Blyth	. . . . .	Do.	8 × 4	Do.
13	103	17th September 1868	William Charles Patrick	Son of Mr. and Mrs. C. C. Sevenoaks	Do.	6 × 3½	Do.
13	75	15th May 1826	Lewis Cramer	Lieutenant, H. M.'s Ship *Rainbow*	Do.	6 × 3½	Do.
13	28	6th April 1799	John D. E. Beighling Franke	. . . . .	Do.	4½ × 2½	Do.
13	97	5th October 1842	Thomas Richard	Second son of Mr. and Mrs. W. C. Boyton	Do.	10½ × 9	Do.
13	66	14th August 1819	Jane	Wife of Edd. Ranken	Do.	6¾ × 3¾	Do.
13	99	25th August 1846	Charles Boldex	Captain, 24th Regiment, Deputy Assistant Quartermaster-General, Centre District.	Do.	6¾ × 3¾	Do.

13	52	17th May 1808	Peter Gardner	Lieutenant	Do.	7 × 3	Do.
12	75	21st September 1840	Edward Slack	Lieutenant, 13th Regiment	Do.	7 × 4	Do.
13	53	24th September 1808	John Graham	Military Cadet	Do.	8¼ × 3½	Do.
13	84	20th June 1833	Vance Young Donaldson	Infant son of Captain and Mrs. Browne, H. M.'s 57th Regiment.	Do.	7¼ × 4	Do.
12	11	3rd June 1788	Mrs. Catherine Edington		Do.	6¾ × 4¼	Do.
12	35	12th April 1810	P. L. Lambert	Lieutenant, 6th Regiment, Madras Native Infantry.	Do.	6¾ × 6¾	Do.
12	31	29th October 1808	Mary Ann Neale	Daughter of Daniel Neale and Eliza, his wife	Do.	6¼ × 6¼	Do.
12	58	8th August 1831	Æneas Macdonell Nicholson	Captain, H. M.'s 55th Regiment	Do.	7¾ × 7¾	Do.
12	81	18th April 1842	Mary Louisa	Wife of Captain R. B. Preston, 17th Regiment, Madras Native Infantry.	Brickwork, High Structure.	7 × 3½	Do.
12	43	18th March 1817	George Hay, Esq.		Brickwork	6¾ × 6¼	Do.
12	63	27th August 1832	Martha	Second daughter of Admiral Robert Montague	Do.	5¾ × 2¾	Do.
12	66	8th November 1832	Thomas Aulin	Lieutenant, 57th Regiment, Madras Native Infantry.	Do.	5 × 3½	Do.
12	62	24th July 1832	Mrs. Anne Cotton	Wife of Captain W. Cotton	Do.	3½ × 3½	Do.
12	48	28th September 1822	Arthur A. Chatfield	Ship *Daphne*	Do.	7 × 3½	Do.
12	57	13th March 1831	Elizabeth Jane	Wife of Henry William Lovewell, Esq.	Do.	6 × 6	Do.
17	47	13th June 1803	Thomas Jollie, Esquire		Do.	7½ × 3½	Do.
17	2	12th October 1767	Frances	Wife of John Grifen	Do.	6½ × 3¼	Do.
12	49	8th February 1824	Mr. Lency Carter		Do.	8¼ × 8¼	Do.
12	52	6th June 1825	Erskine	C. B., Lieutenant-Colonel, H. M.'s 48th Regiment.	Do.	4 × 4	Do.
12	32	15th July 1809	Henry Inman, Esquire	A Captain in the Royal Navy	High Structure Brickwork.	7¼ × 7¼	Do.
12	36	10th January 1857	Mr. Ben. Johnson		Do. do.	9¾ × 7¾	Do.
12	37	3rd August 1816	Joseph	Son of William and Charlotte Tapsall	Brickwork	9¼ × 7	Do.
12	26	28th November 1799	James Ferrier Connell		Do.	3¾ × 2½	Do.
12	72	23rd March 1837	Robert Frances	Captain, 1st Native Infantry Bte.	Do.	5¼ × 3	.....
12	86	21st February 1877	Philip Lateward Codd	Her Majesty's Indian Army	Polished Granite Stone	5¼ × 3	Requires plastering for basement.
12	76	20th July 1841	Walter Foster Ker	Captain, H. M.'s 9th Regiment of Foot; Brigade-Major to Her Majesty's Forces.	Brickwork	7 × 3½	Requires plastering.
12	74	31st July 1840	Caroline Jane	The younger daughter of William Dalrymple Shaw, Calcutta.	Do.	5 × 2¾	Do.
12	80	22nd January 1843	Thomas William	Son of Mr. Thomas Hogg, Apothecary	Do.	5 × 3	Do.
12	68	21st November 1833	Maria	Wife of Overseer Edward Cullin	Do.	3¼ × 3¼	Do.
12	54	6th December 1827	Mrs. Mary Anne Patterson	The wife of Sergeant John Patterson, of H. M.'s 54th Regiment.	Do.	6¼ × 6¼	Do.
12	41	20th November 1813	Robert Hughes	Captain, the 24th Regiment, Native Infantry.	Do.	7 × 3½	Do.

Half-yearly Report of certain Grave Stones, Tombs, and other Monuments in St. Mary's Cemetery, Madras, requiring repairs—continued.

Compartment No.	No. of Grave in Cemetery Register.	Date of Death.	Full Name as inscribed on Head Stone.	Rank or Regimental Profession or Calling of Person buried.	General Description of Tomb.	Size of Tomb.	General present Requirements.
12	79	21st November 1841	Martha	The wife of Captain J. S. Sherman, 13th Regiment, Native Infantry.	Brickwork	7 × 3½	Requires plastering.
12	24	30th January 1795	Mrs. E. Elizabeth Capper		Do.	9 × 4¼	Do.
12	98	No	J. A. Preston and Sophia, his sister.	Two infants	Do.	4¾ × 3¾	Do.
		16th July 1815	William Garron	Madras Civil Service	Do.	8¼ × 4¼	Do.
17	49	23rd April 1804	James Innes	Lieutenant-Colonel, Commandant of the 2nd Battalion of the 13th Regiment, Native Infantry.	Do.	8 × 3¾	Do.
12	47	21st June 1822	Haster Anna	Wife of Charles Highmore Potts, Lieutenant in H. M.'s 54th Regiment.	Do.	7½ × 7½	Do.
12	39	23rd April 1815	Susanna Finnes	Wife of John Finnes, Paymaster of H. M.'s 56th Regiment of Foot.	High Structure	10 × 10	Do.
12	9	9th October 1786	William Popham	Son of Stephen Popham, Esq.	Brickwork	8½ × 6	Do.
12	28	9th September 1801	Elizabeth	Daughter of Mr. Stanhope, Deputy Commissary	Do.	6½ × 3½	Do.
12	40	1st April 1812	Mrs. Madelonette Vanspall		Do.	8½ × 3¾	Do.
12	33	XXVII July MDCCCIX	Jane	Daughter of Captain Crawford, wife of Mr. Thomas Bistles of Madras.	Do.	5½ × 5½	Do.
11	47	1st October 1827	Mrs. Catherine O'Meara	Wife of Sergeant J. O'Meara of the Commissariat Department.	Do.	5 × 3¼	Do.
11	73	23rd April 1846	Joseph Michael	Son of Joseph and Elizabeth Rigmood	Do.	10¼ × 9¾	Do.
11	34	29th November 1817	John Richardson Verno	Colonel Commanding the 2nd Battalion, 22nd Regiment, Native Infantry.	Do.	5½ × 5½	Do.
11	59	25th August 1834	Josepha Sutherland	Infant daughter of the late John Sutherland	Do.	4½ × 2¾	Do.
11	42	5th September 1825	Mr. A. S. Ponton		Do.	7 × 3½	Do.
11	21	19th March 1810	Mrs. Sophia Eliza Oliver		Do.	5½ × 5½	Do.
11	54	21st December 1832	Mrs. Eliza Amelia Heggar	The wife of Thomas Heggar, Veterinary Surgeon of the 1st L. Cavalry.	Do.	5¾ × 3	Do.
11	11	29th October 1805	Rev. J. F. Hartwell	Bengal Establishment	Do.	4½ × 4½	Do.
11	37	1st January 1821	James S. Spankle	Captain of the Madras European Regiment	Do.	7¼ × 3½	Do.
11	44	10th October 1825	John Ford	Ensign, H. H.'s 69th Regiment of Foot	Do.	7¾ × 3¼	Do.
11	45	16th October 1826	T. M. Sinkins	Lieutenant, H. M.'s 46th Regiment of Foot	Do.	6¾ × 3½	Do.
11	40	5th March 1825	John Penn	Lieutenant, H. M.'s 69th Regiment of Foot	Do.	6½ × 3½	Do.
11	2	A.D. MDCCCIX	Paul Jodrell Milits, M.D.		Do.	8½ × 3½	Do.

11	38	15th January 1824	George Henderson, Esq.	A passenger on board the homeward bound ship *Ganges*.	Do.	8 × 6	Do.
11	12	4th February 1806	The Honorable C. Carleton	Lieutenant-Colonel	Do.	6 × 6	Do.
11	28	17th October A.D. 1813	Robert Anderson, Esq.	Master Attendant, Madras	Do.	6½ × 6½	Do.
11	41	21st August 1825	Mrs. Mary Smith	Wife of William Smith, Esq., Surgeon of H. M.'s 15th Regiment.	Do.	3½ × 3½	Do.
11	10	27th August 1805	Mr. Allen Spottiswood		Do.	8¾ × 3½	Do.
11	31	5th „ 1814	John McDonald, Esq.		Do.	9 × 9	Do.
11	20	20th February 1809	George Robert Moss		Do.	4¾ × 4¾	Do.
11	18	13th „ 1808	Mr. John Stevens		Do.	3¼ × 3¾	Do.
11	49	24th July 1828	William Parrie		Do.	3¾ × 3¾	Do.
11	69	5th November 1843	Elizabeth	Wife of Assistant Apothecary A. Lynn	Do.	3¼ × 3¼	Do.
11	27	27th July 1813	Mrs. Hellen Thoy	Wife of Robert Thoy, Sub-Assistant Surgeon of the Military Male Orphan Asylum.	Do.	8¾ × 5½	Do.
11	19	25th October 1808	Mrs. Jenny Baily		Do.	3¼ × 3¼	Do.
11	16	31st „ 1807	Richard Fleming		Do.	5½ × 5	Do.
11	32	27th „ 1814	Erasmus Saunders	Lieutenant, Adjutant of the 2nd Regiment of Native Cavalry.	Do.	7½ × 4½	Do.
11	24	23rd January 1811	Elizabeth Henrey	Daughter of Quartermaster William Henrey, H. M.'s 69th Regiment.	Do.	4¼ × 2¾	Do.
11	64	9th March 1839	Esther	Wife of Mr. Robert Carr	High Structure	12¼ × 7¾	Do.
11	86	3rd June 1859	William Ponsonby Ewing		Do.	6 × 3	Do.
11	15	25th October 1807	Mr. Michael Hughes	Conductor of Ordnance	Do.	5 × 5	Do.
10	30	25th March 1822	R. Blackie, Esq.	H. M.'s 55th Regiment	Do.	6¾ × 3¼	Do.
10	16	28th January 1814	Mr. James Doblin	Merchant	Do.	8 × 4½	Do.
10	46	6th August 1829	Mr. H. W. Lewcock		Brickwork	7 × 4	Do.
10	70	30th April 1860	Riversdale Elliot	Cornet in H. M.'s 1st (King's) Regiment of Dragoon Guards.	Do.	7 × 3½	Do.
10	60	10th June 1848	William O'Conner	Brevet-Major of the 25th Regiment (The King's Own Borderers.)	Do.	5¾ × 3¼	Do.
10	26	5th November 1820	Gilbert Briggs, Esq.	Captain, H. M.'s 89th Regiment	Do.	6½ × 3	Do.
10	38	20th September 1824	Charles Coates		Do.	6½ × 3	Do.
10	45	26th November 1828	Lieutenant A. B. Johnson Ensign W. Bristowe	Both of the 16th Regiment, Native Infantry	Do.	7 × 4	Do.
10	61	6th „ 1849	Eliza Matilda	Wife of Lieutenant A. T. Alexander, 42nd Regiment, Native Infantry.	Do.	7 × 3¾	Do.
10	19	24th October 1814	Robert	Son of George Elizabeth Arbuthnot	Do.	6 × 6	Do.
10	9	5th September 1811	Charles Foot	Captain of His Majesty's Ship *Piedmontese*	Do.	4 × 4	Do.
10	15	4th December 1812	Frederick Harris	Son of Charles and Maria Harris	Do.	3¾ × 3¾	Do.
10	20	19th December 1814	John Seton	Infant son of Colonel Alexander Macgregor Murray.	Do.	4 × 2½	Do.

Half-yearly Report of certain Grave Stones, Tombs, and other Monuments in St. Mary's Cemetery, Madras, requiring repairs—continued.

Compartment No.	No. of Grave in Cemetery Register.	Date of Death.	Full Name as inscribed on Head Stone.	Rank or Regimental Profession or Calling of Person buried.	General Description of Tomb.	Size of Tomb.	General present Requirements.
10	22	5th November 1815 .	William	Son of Captain Tongue, of H. M.'s 30th Regiment.	Brickwork . . .	3¾ × 3¾	Requires plastering.
10	23	10th November 1817 .	John Chinnery, Esq. . .	H. E. I. Co.'s Civil Service	Do.	4½ × 4½	Do.
10	10	29th September 1811 .	William Danson . .	Captain of H. M.'s Ship *Piedmontese* . .	Do.	8 × 4	Do.
10	34	20th October 1823 .	Mrs. Emma Cassam . .	Wife of Mr. Peter Cassam	Do.	4¼ × 4¼	Do.
10	56	9th May 1845 . .	Ellen Veda Upshon . .	. . . . .	Do.	7 × 3¾	Do.
10	17	10th May 1814 . .	John Mair . . .	. . . . .	Do.	7¼ × 7¼	Do.
10	27	11th March 1821 .	Robert Stevenson, Esq. .	. . . . .	Do.	7 × 3¼	Do.
10	25	21st January 1820 .	Thomas Kendle Smith .	Lieutenant, M. 46th Regiment . . .	Do.	6¼ × 3¼	Do.
10	18	24th October 1814 .	Charles Chambers . .	1st Battalion, 11th Regiment, Native Infantry	Do.	6½ × 4	Do.
9	21	8th January 1816 .	Eliza	Infant daughter of Griffin and Jane Orton .	Do.	3¾ × 3¾	Do.
9	66	18th May 1861 . .	Mrs. Margaret Orford .	Widow of Joseph Orford, Conductor of Ordnance, and eldest daughter of Mr. Edward Atkinson, Deputy Commissioner of Ordnance.	Do.	7¼ × 3¾	Do.
9	36	22nd July 1830 . .	Mary	The wife of Conductor of Ordnance J. Orford, offspring Thomas Samuel Price.	Do.	3 × 2½	Do.
17	8	8th October 1782 .	Charles Wood . . .	Captain Commander of His Majesty's Ship *Worcester*.	Do.	6¾ × 3¼	Do.
17	37	27th September 1797 .	George Hall . . .	Lieutenant-Colonel	Do.	7¾ × 7¾	Do.
17	36	22nd August 1797 .	Andrew Ross, Esq. . .	One of His Majesty's Justices of the Peace for Madras.	Do.	9 × 9	Do.
17	50	3rd May 1804 . .	Allan Grant . . .	Captain	Do.	9 × 4¼	Do.
17	45	28th June 1802 . .	Thomas Woodall . .	Major of His Majesty's 12th Regiment . .	Do.	11½ × 7¼	Do.
17	16	4th June MDCCLXXXVII	Honorable George McKenzie	2nd son of the Earl of Cromarty, Lieutenant-Colonel of His Majesty's 7th Regiment.	Do.	6½ × 6½	Do.
17	42	18th June 1800 . .	Alexander Kerr. . .	. . . . .	Do.	4¼ × 4¼	Do.
17	32	July 1796 and October 1797.	Alexander and William .	The infant sons of Alexander Falconer and Eliza.	Do.	9½ × 9½	Do.
17	74	14th July 1860 . .	John Taylor . . .	The beloved husband of Mrs. Anne Taylor, who was Manager in the Office of the Commissioner of Mysore.	Do.	8½ × 8½	Do.
17	31	8th June 1796 . .	Mrs. Grace Henderson .	. . . . .	Do.	10 × 5¾	Do.
17	7	9th July 1782 . .	Harriet Opton . . .	. . . . .	Do.	2¼ × 1¼	Do.

17	30	17th May 1796	Alexander Foulis	. . . . .	Do.	$6\frac{1}{2} \times 6\frac{1}{2}$	Do.
17	55	5th November 1807	Walter Grant	Master in Equity in the Supreme Court of Judicature at Madras.	Do.	$13\frac{1}{4} \times 8$	Do.
17	58	18th June 1808	Thomas Annesley Browne	. . . . .	Do.	6×6	Do.
17	40	10th July 1799	James Gall, Esq.	. . . . .	Do.	$7\frac{1}{2} \times 3\frac{3}{4}$	Do.
17	72	30th January 1821	John Tullot	. . . . .	Do.	4×4	Do.
17	69	29th May 1819	John Tullot	Lieutenant of 1st Ceylon Regiment of Light Infantry.	Do.	$6\frac{1}{4} \times 3\frac{3}{4}$	Do.
17	68	30th September 1816	The Rev. Frederick White, M.A.	Trinity College, Cambridge	Do.	$8\frac{1}{2} \times 5\frac{3}{4}$	Do.
17	46	28th November 1802	James West	. . . . .	Do.	$8\frac{1}{4} \times 3\frac{3}{4}$	Do.
17	56	21st December 1807	Mr. Henry Charles Gilmore	Rungporin, Bengal	Do.	$8\frac{1}{4} \times 3\frac{1}{2}$	Do.
17	19	13th October 1787	Mr. Daniel Russell	. . . . .	Do.	$6\frac{1}{4} \times 3\frac{1}{4}$	Do.
17	65	4th February 1815	George Elliot	Captain, eldest son of the Right Honorable Hugh Elliot, Governor of Fort St. George.	Do.	$10\frac{1}{2} \times 8$	Do.
17	67	7th November 1815	P. L. Heydinger, Esq.	Private Secretary to the Right Honorable Hugh Elliot, Governor of Madras.	Do.	$7\frac{1}{2} \times 4\frac{1}{2}$	Do.
17	71	27th January 1820	John Bryan Pybus	Civil Service	Do.	$7\frac{1}{2} \times 4$	Do.
17	20	15th May 1788	Mr. Daniel Cameron	. . . . .	Do.	$6\frac{1}{4} \times 3\frac{1}{2}$	Do.
17	51	30th August 1805	G. G. Richardson	. . . . .	Do.	6×6	Do.
17	15	5th June 1822	James Stringer, Esq	Late of Madras	Do.	$11\frac{1}{4} \times 8$	Do.
17	24	10th August 1789	George Savage, Esq.	. . . . .	Do.	$8\frac{1}{2} \times 8\frac{1}{2}$	Do.
		23rd January 1785	De Le Rochele	. . . . .	Do.	2×1	Do.
17	5	8th November 1773	Thomas Madge, Esq.	Major of the Honorable Company's Service	Do.	$6 \times 2\frac{1}{4}$	Do.
17	26	21st June 1791	R. Van. Meirop, Esq.	. . . . .	Do.	$6 \times 3\frac{1}{4}$	Do.
2	30	25th October 1829	Rev. Alexander Webster	Senior Chaplain of the Scotch Church	Do.	$2\frac{3}{4} \times 1$	Do.
...	...	None.	Elizabeth	Infant daughter of Rev. Alexander and Mrs. Webster.	Do.	$2\frac{1}{2} \times 1$	Do.
2	2	6th August 1813	Hannah Harries	Daughter of John Harries, Esq.	Do.	$5\frac{1}{2} \times 5\frac{1}{2}$	Do.
2	38	28th August 1835	Mr. Francis Lupton	Sub-Assistant Surgeon, H. C. S.	Do.	$7 \times 3\frac{1}{2}$	Do.
2	12	4th December 1817	Gilbert Ricketts	. . . . .	Do.	$5\frac{3}{4} \times 5\frac{3}{4}$	Do.
2	28	27th May 1824	John Douglas White, Esq.	Member of Medical Board	Do.	$7\frac{1}{2} \times 7\frac{1}{2}$	Do.
...	...	1st October 1817	John Pater	Lieutenant-General	Do.	$4\frac{1}{2} \times 4\frac{1}{2}$	Do.
2	16	26th January 1819	Andrew McCally	Lieutenant-Colonel and Brevet-Colonel of the H. C. S. on the Madras Establishment.	Do.	$6\frac{1}{4} \times 6\frac{1}{4}$	Do.
2	45	24th June 1845	Sarah Adelade	Wife of John Edward Price	Do.	$5 \times 2\frac{1}{2}$	Do.
2	15	27th December 1818	Doctor David Temasfield	. . . . .	Do.	$7 \times 3\frac{1}{2}$	Do.
2	22	14th July 1820	Harriet Sophia Baines	. . . . .	Do.	$4\frac{1}{4} \times 4\frac{1}{4}$	Do.
2	17	1st February 1819	T. J. West	Lieutenant, Madras Artillery	Do.	$4\frac{1}{4} \times 4\frac{1}{4}$	Do,
2	13	20th June 1818	Eliza Williams	. . . . .	Do.	$4\frac{1}{4} \times 4\frac{1}{4}$	Do.
...	...	22nd March 1815	Austin Edmund	. . . . .	Do.	$6\frac{3}{4} \times 6\frac{3}{4}$	Do.

Half-yearly Report of certain Grave Stones, Tombs, and other Monuments in St. Mary's Cemetery, Madras, requiring repairs—concluded.

Compartment No.	No. of Grave in Cemetery Register.	Date of Death.	Full Name as inscribed on Head Stone.	Rank or Regimental Profession or Calling of Person buried.	General Description of Tomb.	Size of Tomb.	General present Requirements.
2	11	15th August 1817	Robert	Infant son of J. S. Sherman	Brickwork	3 × 3	Requires plastering.
2	24	15th June 1821	Mrs. Sarah Murray		Do.	7¼ × 4	Do.
2	34	22nd May 1833	Mr. James Fraser		Do.	7¼ × 4	Do.
2	6	10th October 1815	Major Joseph	H. M.'s 22nd Regiment	Do.	7½ × 5	Do.
2	40	11th September 1837	Juliana Mary	Daughter of M. E. C. Griffiths	Do.	7 × 4	Do.

W. LEEMING,
Garrison Chaplain, Madras.

W. H. BURTON, *Lieut.-Colonel, R.E.,*
Executive Engineer.

Chepauk, 10th December 1881.

Statement of the Affairs of the Bank of Bengal for the Week ending 30th May 1882.

LIABILITIES.	Rs.	A.	P.
Capital paid-up	2,00,00,000	0	0
Reserve Fund	30,11,916	4	4
Public Deposits at Head Office (Rs. 84,94,700 13 10)	2,15,11,897	10	6
Public Deposits at Branches (Rs. 1,30,17,196 12 8)			
Other Deposits at Head Office and Branches	2,31,01,460	2	4
Bank Post Bills, &c.	2,95,831	2	9
Sundries	15,73,716	0	11
RUPEES	6,94,91,821	4	10

ASSETS.	Rs.	A.	P.
Government Securities	76,12,444	4	0
Other authorized Investments	46,14,755	0	0
Loans on Government and other authorized Securities	76,95,642	3	7
Accounts of Credit on Government and other authorized Securities	44,10,948	13	9
Bills discounted and purchased	2,21,02,149	3	1
Balances with other Banks	7,30,952	1	5
Bullion	9,15,479	6	11
Dead Stock	12,04,829	4	6
Stamps	9,121	0	0
Sundries	3,62,720	10	9
	4,96,59,042	0	0
Cash and Currency Notes at Head Office (Rs. 73,71,881 3 2)	1,98,35,779	4	10
Cash and Currency Notes at Branches (Rs. 1,24,63,898 1 8)			
RUPEES	6,94,94,821	4	10

By order of the Directors.

BANK OF BENGAL,
Calcutta, 1st June 1882.

J. GORDON,
Chief Acctt. & Depy. Secretary.

W. D. CRUICKSHANK,
Offg. Secy. & Treasurer.

POST OFFICE.

NOTIFICATIONS.

Simla, the 15th May 1882.

After the 1st July 1882, parcels addressed to China will be forwarded *viâ* Bombay by Peninsular and Oriental Steam Navigation Company's Steamer exclusively.

2. Consequently the *outer* cover (*vide* Clause 200 of the Postal Guide, dated January 1882) of parcels for China posted after the 1st July next should be superscribed as shown below :—

> FOREIGN PARCEL POST.
>
> To
>
> THE POSTMASTER,
>
> BOMBAY.

and not as at present prescribed in the Postal Guide.

3. The general rules and the rates relating to parcels intended for China will remain unaltered for the present.

L. G. WAIT,
Asst. Dir. Genl. of the Post Office of India, Foreign Post Branch.

Calcutta, the 2nd June 1882.

Foreign Mails for	Date.	Per Steamer
	1882.	
Persian Gulf	9th June...	From Bombay.
Madras, Ceylon and the Intermediate Ports	8th "	Str. *Arabia.*
Foreign Mails *viâ* Bombay	10th "	From Bombay.*
Do. Book Post and Pattern Packets	9th "	From Bombay.
Rangoon, Moulmein, and Straits	7th "	Str. *Chinsura.*
Foreign Mails *viâ* Bombay	3rd "	From Bombay.†
Chittagong, Akyab, Kyouk Phyoo, and Rangoon	8th "	Str. *Makratta.*
Port Blair and Camorta	8th "	Str. *Moharani.*

* Also for Cape Town and Natal *viâ* England can be forwarded.

† Also for Cape Town and Natal *viâ* England; also *viâ* Aden for Mahé (Seychelles), Mauritius and Réunion can be forwarded by this opportunity.

N.B.—The letter-box will close at 7 P.M. precisely; after which hour foreign letters, fully prepaid and bearing an extra postage stamp of four (4) annas on each cover, will be received up to 7-30 P.M.

List of Unclaimed Letters lying in the Calcutta Post Office on the 28th May 1882.

Akcheen, Mr.	Fotheringham, J.	O'Brin, Captain G.
Augustin, Mrs. C. J.	Fronchen, W. A.	Palmer, T.
Authoney, Mrs.	Gasper, Mrs. C.	Professor Bernhard de Ruchwaldy.
Barrs, Mr. S.	Geary, Miss A.	Richards, A.
Baver, H. C.	Gordon, C. F.	Roberts, W.
Bowling, H. A.	Harrison, W.	Rendell, Mr. O.
Butler, J. B.	Hayter, Colonel.	Sivertsin, Matin.
Carpenter, W. G.	Hawely, H.	Thomas, S.
Clift, H. W.	Jasper, Miss A.	Thompson, W.
Collins, W.	Kingsley, Mrs.	White, Mrs.
Crawford, J. A.	Lyell, Mr. J.	Wheelan, William.
Creet, A. H.	Manley, H. H.	Williams, P. F.
David, L.	Meyer, B.	Zwet, A.
Davis, John.	Neath, T.	
D'Silva, Mrs, E.		

Letters marked "Care of Post Office, to be kept till called for."

Antonio, D.	Harrison, W. H.	Norton, J. B.
Arikenson, Stephen.	Hart, M. D.	Orinstein, Signiori Scapria.
Bad, Mrs.	Harry, Thomas.	Penning, P. D.
Bailey, J. R.	Hartley, S. R.	Pollock, W. N.
Beamki, Sijnore G. P.	Hearne, T.	Raymond, Miss.
Bercavetz, Abraham.	Hills, Albert A.	Rex, Miss.
Bhackman, Mr. J.	Howard, W.	Rhodes, D.
Bockman, C.	Jacky, Monsieur R.	Robinson, William.
Bose, P. N.	Jones, H. R.	S. B. & Co.
Braham, Mrs. A.	Jones, Thos.	Sevastopulo, N. E.
C. B. A.	Jox, Henry.	Smith, A. S.
C. B. & Co.	Kanai Lall Seal.	Smith, Miss A. S.
Cahill, James.	Kegel, F. G. M.	Span, J. M.
Cohen, E.	Kendall, Miss L.	Stobie, Lt J. C.
Collins, Mrs. G. A.	Kendall, Miss Sophia.	Strachan, E.
Cooper, Frank	Kennedy, R. H.	Strongs, W. S.
Cresswell, G. W.	Kennet, C. A.	Stromayer, T.
Dougall, Mr.	Lambert, Dr. E.	Stuart, William.
Davies, R.	Lynam, J.	Thornhill, H. B.
Dexter, J. B.	Maitland, T.	Thomas, W. H
Dodds, F. L.	Malabari, B. M.	Traiche, Miss E.
Driscoll, D. O.	Manager, Central Bengal Medical Hall.	Urage, Mrs. J.
Dun, E. W.	Moreton, T. G.	Vincent, J.
Fitch, R. A.	Mason, —.	Warnier, M.
Gheenburge, M. M.	Massy, J.	Watts, G.
G. L.	Mercer, C. G.	W. J. H.
Gregory, Mrs. C.	Morrison, D. J.	Wright, Mrs H.
Gunther, J.	Munro, W.	X. Y. Z.
Hankivez, C.		
Hansen, H. W. F.		

Registered Letters.

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E. HUTTON,
Presidency Post Master.

COMPTROLLER GEN

No. 470.—*Account of Revenue and Expenditure of the Government of India for the*

N.B.—Amounts are converted into

REVENUE.	Estimates, 1881-82.	April 1880 to Jan. 1881.	April 1881 to Jan. 1882.	COMPARISON OF TWO YEARS. Increase.	Decrease.
	£	£	£	£	£
I.—Land Revenue	22,495,000	15,912,351	16,289,573	377,222	...
II.—Tributes	705,000	529,557	353,922	...	175,635
III.—Forest	768,100	421,746	482,608	60,862	...
IV.—Excise on Spirits and Drugs	3,031,000	2,534,745	2,796,452	261,707	...
V.—Assessed Taxes	550,000	519,343	512,072	...	7,271
VI.—Provincial Rates	2,863,000	2,210,298	2,375,048	164,750	...
VII.—Customs	2,367,000	1,948,207	1,870,542	...	77,665
VIII.—Salt	7,153,000	5,751,309	6,039,597	288,288	...
IX.—Opium	8,763,000	8,575,449	8,395,148	...	180,301
X.—Stamps	3,290,000	2,706,920	2,761,906	54,986	...
XI.—Registration	290,000	237,023	233,323	...	3,700
XII.—Mint	89,000	86,067	20,894	...	65,173
XIII.—Post Office	967,000	868,855	795,059	...	73,796
XIV.—Telegraph	452,600	425,548	349,006	...	76,542
XV.—Minor Departments	62,500	51,696	50,602	...	1,094
XVI.—Law and Justice	664,000	538,148	507,535	...	30,613
XVII.—Police	236,000	190,692	196,179	5,487	...
XVIII.—Marine	210,000	158,334	165,250	6,916	...
XIX.—Education	143,000	123,574	148,573	24,999	...
XX.—Medical Services	37,700	33,943	29,450	...	4,493
XXI.—Stationery and Printing	61,000	46,108	39,700	...	6,408
XXII.—Interest	668,000	469,406	635,963	166,557	...
XXIII.—Pensions	215,600	131,699	127,192	...	4,507
XXIV.—Miscellaneous	265,000	192,131	252,580	60,449	...
XXX.—Gain by Exchange	412,000	189,225	208,024	18,799	...
TOTAL	56,758,500	44,852,374	45,636,198	783,824	...
XXV.—Railways — *Guaranteed Railways.* Traffic Receipts	7,489,800	6,263,630	6,384,806	121,176	...
XXV.—Railways — *State Railways.* Gross Traffic Earnings	2,420,000	1,647,168	1,923,485	276,317	...
XXV.—Railways — Net Traffic Receipts, East Indian	2,800,000	2,170,807	2,708,756	537,949	...
XXVI.—Irrigation and Navigation, including Net Traffic Receipts, &c., Madras Irrigation.	902,500	456,314	582,781	126,467	...
XXVII.—Other Public Works	472,500	350,776	408,154	57,378	...
XXVIII.—Provincial and Local Deficits	821,000	...	...	...	...
XXIX.—Army	777,000	979,036	841,258	177,854	...
Military Operations in Afghanistan	61,000		315,632		
TOTAL	72,502,300	56,720,105	58,801,070*	2,080,965	...
England, including Army, Public Works, &c.	3,238,700	387,428	2,581,071	2,193,643	...
GRAND TOTAL	75,741,000	57,107,533	61,382,141	4,274,608	...

* Includes instalments for 1881-82 on account Military operations in Afghanistan received from H. M.'s Treasury, £2,305,000.

COMPTROLLER GENL.'S OFFICE,
CALCUTTA;
The 1st June 1882.

ERAL'S OFFICE.

tenth month of the year 1881-82, as compared with the corresponding period of 1880-81.

sterling @ Rs. 10 to the Pound Sterling.

EXPENDITURE.	Estimates, 1881-82.	April 1880 to Jan. 1881.	April 1881 to Jan. 1882.	COMPARISON OF TWO YEARS. Increase.	Decrease.
	£	£	£	£	£
1.—Interest on Funded and Unfunded Debt	3,576,700	2,621,354	2,816,866	195,512	...
2.—Interest on Service Funds and other Accounts	407,300	322,526	338,891	16,365	...
3.—Refunds and Drawbacks	350,000	378,244	329,461	...	48,783
4.—Land Revenue	3,031,100	2,366,829	2,368,834	2,005	...
5.—Forests	565,800	301,455	353,858	52,403	...
6.—Excise on Spirits and Drugs	99,000	97,358	79,523	...	17,835
7.—Assessed Taxes	15,000	19,197	11,622	...	7,575
8.—Provincial Rates	48,000	41,536	42,821	1,285	...
9.—Customs	206,000	164,646	161,447	...	3,199
10.—Salt	428,000	302,646	377,018	74,372	...
11.—Opium	2,262,500	1,905,689	1,918,955	13,266	...
12.—Stamps	74,000	63,148	64,157	1,009	...
13.—Registration	186,000	143,253	145,961	2,708	...
14.—Mint	85,200	64,221	60,648	...	3,573
15.—Post Office	997,900	999,962	868,022	...	131,940
16.—Telegraph	459,600	331,235	339,897	8,662	...
17.—Administration	1,298,900	1,041,678	1,018,070	...	23,608
18.—Minor Departments	438,700	281,425	437,701	156,276	...
19.—Law and Justice	3,349,600	2,648,434	2,614,145	...	34,289
20.—Police	2,571,000	2,035,731	2,047,229	11,498	...
21.—Marine	432,100	309,560	312,333	2,773	...
22.—Education	1,057,600	798,081	856,062	57,981	...
23.—Ecclesiastical	158,200	129,656	133,040	3,384	...
24.—Medical Services	690,500	523,244	536,262	13,018	...
25.—Stationery and Printing	424,400	342,700	350,500	7,800	...
26.—Political	535,700	314,187	483,077	168,890	...
27.—Allowances and Assignments	1,881,900	1,155,473	1,126,863	...	28,610
28.—Civil Furlough and Absentee Allowances	4,000	4,917	3,582	...	1,335
29.—Superannuation, Retired and Compassionate Allowances	708,000	676,734	609,466	...	67,268
30.—Miscellaneous	251,000	201,306	208,893	7,587	...
31.—Famine Relief	1,500,000	364	266,531	266,167	...
37.—Loss by Exchange	3,475,000	2,617,892	3,042,900	425,008	...
TOTAL	31,568,700	23,204,681	24,324,635	1,119,954	...
32.—Railways — *Guaranteed Railways.*					
Working Expenses, &c.	4,760,000	3,487,697	3,034,405	...	453,292
Land and Supervision	78,900	39,636	62,117	22,481	...
Interest in India	4,800	*146,530	14,796	...	131,734
Surplus Profits paid to Railway Companies	165,300	358,040	333,252	...	24,788
State Railways.					
Working Expenses, &c.	2,086,000	2,849,266	1,612,692	...	813,392
Surplus Profits, &c., East Indian Railway	204,600		198,164		
Frontier Railways	386,000		225,018		
33.—Irrigation and Navigation, including Madras Irrigation Interest, &c.	1,351,700	697,560	780,990	83,430	...
34.—Other Public Works	4,939,400	2,511,652	2,941,740	430,088	...
35.—Provincial and Local Surpluses	114,000	...	...	...	...
36.—Army	12,392,000	17,528,895	10,760,245	...	4,794,666
Military Operations in Afghanistan	2,271,000		1,973,984		
TOTAL	60,322,400	50,823,957	46,262,038	...	4,561,919
England, including Army, Public Works and Guaranteed Interest, &c.	14,563,600	12,464,941	12,536,392	71,451	...
TOTAL	74,886,000	63,288,898	58,798,430	...	4,490,468
38.—Productive Public Works—					
Capital Expenditure in India	3,010,000	2,441,303	1,805,575	...	635,728
Ditto ditto in England	1,863,000	482,256	283,952	...	198,304
TOTAL	4,873,000	2,923,559	2,089,527	...	834,032
GRAND TOTAL	79,759,000	66,212,457	60,887,957	...	5,324,500

* Includes write-back of exchange on net revenue transferred, £138,434.

E. W. KELLNER,
Depy. Comptroller General.

E. T. ATKINSON,
Offg. Comptroller General.

NOTICE.

Waste Lands available for Planters in the Tavoy District.

Waste lands, covered at present with forest, bamboos or grass, are available for plantations of coffee, tea, cinchona, or spices at altitudes varying from 100 feet to 6,800 feet above the sea in the Tavoy district. This region is between the 13th and 14th parallels of north latitude, and the rainfall ranges from 190 to 220 inches a year. The lands are mostly within 30 to 50 miles of the steamer station of Thayetchoung on the Tavoy river. Mail steamers ply between Thayetchoung and Moulmein or Rangoon once a week inwards and outwards.

II.—Grants of land in lots ranging from 100 to 1,200 acres can be had for planting tea, coffee, cinchona, or spices on application to the Deputy Commissioner of Tavoy. Such grants will be made in accordance with the "Burma Land and Revenue Act, 1876," and with the rules sanctioned thereunder by the Governor General of India in Council. Copies of the Act and rules can be obtained by intending planters on application to the Deputy Commissioner of Tavoy, the Commissioner of Tenasserim at Moulmein, or the Secretariat, Rangoon.

III.—In addition to the concessions and conditions laid down in the Act and rules, the following special concessions will be made to persons taking up land for plantations of coffee, tea, cinchona, or spices in Tavoy, namely,—

(1) A grantee must bring under cultivation one-third of his grant within 12 years from the date of his obtaining the grant. If, after the expiration of 12 years, any surplus uncultivated land, in excess of two acres of waste for each acre of cultivated land, shall remain on the grant, such surplus waste shall then revert to Government; and the grantee shall have no further claim or right in the surplus which has so reverted.

(2) A grantee will not be liable to pay any land revenue or any price for the land of his grant until the end of the tenth year after he enters on possession, provided that he takes *bonâ fide* steps to cultivate a reasonable proportion of the grant with coffee, tea, cinchona, or spices. In the event of any grantee desiring a more precise definition of a "reasonable proportion," the Chief Commissioner may decide beforehand in each case what proportion of the grant ought to be thus cultivated in each year.

(3) After the end of the tenth year the grantee will be liable to pay land revenue at the rate of Rs. 1-4-0 per acre and cesses at the rate of two annas per acre on one-third of his grant up to the year 1900 A. D.; after the expiration of such year he will be liable to pay for one-third of his grant the same revenue rate as is paid for garden lands in the nearest revenue circle where a garden rate obtains.

(4) A grantee will not be called upon to pay anything for timber, bamboos, or grass which he may cut upon his grant, provided he takes *bonâ fide* steps as aforesaid to cultivate coffee, tea, cinchona, or spices.

IV.—The only payment which a grantee will have to make on receiving his grant will be eight annas an acre for the cost of survey and demarcation. In consideration of such payment the Deputy Commissioner will cause a survey to be made of the grant, will furnish the grantee with a copy of such survey, and will cause boundary marks to be erected at suitable points in the outer boundary of the grant.

V.—The wishes of applicants will be met as far as possible in regard to the situation and shape of their grants. But ordinarily—

(*a*) no grant will be given where the Forest Department intend to make a forest reserve;

(*b*) no grant will be given on such a place as will unduly circumscribe the extension of cultivation of the grazing grounds of any neighbouring village or hamlet;

(*c*) grants facing a road or navigable stream will have to be of a depth double the length facing such road or navigable stream;

(*d*) small strips will be reserved leading to landing places for the benefit of neighbouring villages and grantees.

VI.—The Government is now spending much larger sums than heretofore on roads in the Tavoy district. If planters settle in the district, further funds will be allotted for roads from their neighbourhood to the steamer station at either Tavoy or Thayetchoung.

VII.—In order to encourage pioneers in the coffee and cinchona enterprise in Tavoy, the Government will pay to the first four grantees who begin *bonâ fide* planting operations Rs. 15 per head for every Indian or Chinese coolie, male or female, over 16 years of age, who may be settled and housed on their plantations before the 1st March 1885.

VIII.—In any case of doubt regarding the *bonâ fide* character of operations for the purposes of concessions III and VII, the Deputy Commissioner will decide, and his decision will be subject to appeal to the Commissioner of Tenasserim, whose decision will be final.

IX.—All minerals and metals under and within the lands granted under these rules are reserved by Government, together with a right to enter upon and resume such portion of land as may be necessary for examining or working mines upon payment of just compensation to the grantee for loss of, or injury done to, the surface.

G. D. BURGESS,

Secy. to the Chief Commr., British Burma.

The 6th April 1882.

NOTICE.

Information is hereby given that the Government Currency Note No. P11—03439, for Rs. 500, is lying unclaimed at this Office. Any person claiming to be the owner of the said Note is requested to produce evidence in support of the claim on or before the 30th of September 1882.

J. SCOBELL ARMSTRONG,

Officiating Magistrate, Howrah.

GOVERNMENT CINCHONA FEBRIFUGE.

This preparation is an efficient substitute for Quinine and can be purchased by Government officers for public and charitable purposes, and by any one taking *twenty pounds* at a time, from the Superintendent, Botanical Garden, Calcutta, *for cash only*, at the following rates:—per four ounce tin, *Rs. 4-8;* per eight ounce tin, *Rs. 8-8;* per pound tin, *Rs. 16-8.* The general public can be supplied by the Superintendent, Botanical Garden, *for cash only*, at the under-noted rates:—per four ounce tin *Rs. 5-8;* per eight ounce tin *Rs. 10-8;* per pound tin, *Rs. 20.* This medicine is also sold by the principal European and Native druggists in Calcutta. Postage 8 annas per four and eight ounce tins, and 12 annas per pound tin, in addition to the foregoing rates.

گورنمنٹ سنکونا فبري فيوج

يهه دوا كوئينائين كا خوب قائم مقام هى اور كلكته ے بوٹانكل گارڈن يعنے كمپني باغ ے سپرنٹنڈنٹ صاحب سے هرايك ملازم سركاري واسطے سركاري كام اور خيرات ے اور سيواسه اوىكے جو كوئي ايك مشت بيس پونڈ خريد ليے سے بقيمت نقد حسب نرخ ديل خريد كرسكتے هين يعنے نرخ چار اونس ے ٹين كا چار روپيه آٹهه آنه ; آٹهه اونس ے ٹين كا آٹهه روپيه آٹهه آنه ; ايك پونڈ ے ٹين كا سوله روپيه آٹهه آنه

اور عوام الناس بوٹانكل گارڈن يعنے كمپني باغ ے سپرنٹنڈنٹ صاحب سے بقيمت نقد حسب نرخ ديل خريد كرسكتے هين يعنے نرخ چار اونس ٹين كا پانچ روپيه آٹهه آنه ; ٹهه اونس ے ٹين كا دس روپيه آٹهه آنه ; ايك پونڈ ے ٹين كا بيس روپيه

يهه دوا كلكته ے بڑے بڑے ولايتي اور ديسي دواخانوںمين نقتي هى ماسيواے قيمت مذكورۂ بالا ے محصول ڈاك چار اور آٹهه اونس ے ٹين كا آٹهه آنه ; اور ايك ونڈ ے ٹين كا بارہ آنه

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The following publications of the Meteorological Office of the Government of India are on sale and can be procured at the Meteorological Office, No. 4, Middleton Row, or either at Messrs. Thacker, Spink & Co., or at Messrs. Brown & Co., at the prices noted against them:—

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HENRY F. BLANFORD,
Meteorological Reporter to Government of India.

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„ 15. Position of Gwalia Reef, Carimata Strait.
„ 16. Position of Parkin Rock. Hanish Islands, Red Sea.
„ 17. Shoal south-west of Barron Islands, west coast of Madagascar.
„ 18. Intended alteration in Light apparatus at Calicut.
„ 19. Lights at Port Ibrahim, Suez (additional information).
„ 20. Intermittent flashing Light on Pulo Undan, Malacca Strait.

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„ 2. Rules for regulating the entry and departure of vessels using Madras Harbour.
„ 3. Re-exhibition of Light on First Point, Java.
„ 4. Light at Tagal, Java.
„ 5. Beacon on Borongo Island, Akyab.
„ 6. Discontinuance of Armeghon light and intended change of colour of Pulicat Light.
„ 7. Tidal semaphore at entrance to Chittagong River.
„ 8. Alteration of colour of Light at Ratnagiri.
„ 9. Red Light on Colombo breakwater.
„ 10. Red buoy off Godavery Point, Cocanada.
„ 11. Alterations to Lights at Paumben and Tellicherry.
„ 12. Particulars of Light at First Point, Java.
„ 13. Alteration in character of Light at Flat Cape, Sumatra.
„ 14. Removal of north buoy, Madras Harbour.
„ 15. Range of visibility of the light at Paumben.
„ 16. Beacons for clearing the south-west Prong, Bombay Harbour.

No. 17. Lights at Zanzibar.
„ 18. Gas buoy at entrance to Port Said, Suez Canal.
„ 19. Revolving light at Armeghon.
„ 20. Beacon on Tucker's patch, Bombay Harbour.
„ 21. Fixed Light at Pulicat.
„ 22. Fixed Light at Ratnagiri.
„ 23. Occasional observation of light at False Point.
„ 24. Breaking adrift of Kárwar rock buoy, Kárwar or Sadashivgad.
„ 25. Date of exhibition of permanent white Light at Calicut.
„ 26. Alteration of colour of Katubdea Light-house, Chittagong coast.
„ 27. Exhibition of red and green Lights at Pondicherry.
„ 28. New beacon on Kal-ah-kebirah Shoal, Gulf of Suez.
„ 29. Reported coral reef off Batticaloa.
„ 30. Revised rules for vessels using Madras Harbour.
„ 31. Wreck buoy to mark wreck of Mariana, Madras Coast.
„ 32. Removal of the Red Buoy off the head of the South Harbour Pier, Madras.
„ 33. Temporary exhibition of a small dioptric Light at the Eastern Grove Light-house, at the entrance to the Rangoon River.
„ 34. Reported incorrect position of Crocodile Rock, Cadiapatam or Muttum Point.
„ 35. Replacing of Kárwar Rock buoy, Kárwar or Sadashivgad.
„ 36. Date of re-exhibition of the permanent Light at Eastern Grove, at the entrance to the Rangoon River.
„ 37. Position of the anchorage buoy at Beypore.
„ 38. Buoys laid down to mark the entrance to the Madras Harbour.
„ 39. Wreck in Negapatam Roadstead.
„ 40. Revolving Light to be exhibited from a Light-vessel to be anchored off the Formosa Bank, Malacca Strait.

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„ 6. Dangerous rock off Modeshwur Cape, Canara Coast.
„ 7. Fishing stakes in the approaches to Bombay Harbour.
„ 8. Erection of a pillar to mark the southern boundary of the port of Beypore.
„ 9. Changes in the bar at the entrance to the Chittagong River.
„ 10. Position of the Pilot's Ridge Light-vessel in the approaches to the Hooghly River.
„ 11. Exhibition of a fixed light on Dennis island, Seychelle islands.
„ 12. New Eddystone Lighthouse.

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The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, JUNE 3, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART III.

Advertisements and Notices by Private Individuals and Corporations.

NOTIFICATION.

With the consent of the Government of India, the Government of His Highness the Maharaja of Mysore is prepared to receive tenders for a Debenture Loan of (Rs. 20,00,000) twenty lakhs of Rupees on the security of the general revenues of the Mysore Province. The amount of the Loan is to be expended entirely on the construction of an important line of railway from Bangalore to Tiptoor, a distance of about 85 miles.

2. Debentures will be issued for the said amount bearing interest at the rate of five per cent. per annum, payable half-yearly on the 15th February and 15th August of each year and having a currency of twenty years. The interest will be payable at any of the Government Treasuries of the Mysore Province or at the Banks of Bengal, Madras or Bombay and their branches.

3. The form of Debenture Bonds will be that given below. Each Debenture will be issued for the sum of Rs. (500) five hundred, or some multiple of Rs. 500.

4. Tenders for the whole or any part of the above-named sum of Rs. (20,00,000) twenty lakhs will be received by the Comptroller to the Mysore Government at Bangalore up to noon on the 1st July 1882.

5. Each tender should be in the form hereto annexed, and enclosed in a sealed cover superscribed "Tender for the Mysore Railway Loan of 1882," and sent to the Comptroller to the Government of Mysore at Bangalore.

6. The tenders will be opened at the Dewan's Office at Bangalore in the presence of the Dewan and other members of the Mysore Government on the 1st July 1882 at noon, a minimum rate having first been fixed by the Dewan.

7. Each tender must be accompanied by the deposit of a sum equal to 2 per cent. of the amount tendered. Such deposit may be made by paying the amount to the credit of the Dewan of Mysore at the Banks of Bengal, Madras and Bombay, or at any of their branches, or at any of the Treasuries of the Mysore Government, and forwarding with the tender the receipt of such Bank or Treasury or by a Money Order payable to the Dewan of Mysore, or by Government of India Promissory Notes duly endorsed in favor of the Dewan of Mysore.

8. If the tender be accepted either in whole or in part, the deposit made will be taken in part payment, and the tenderer must arrange for the payment of the remainder of the amount of the loan allotted to him on or before the 15th August 1882 into any of the Treasuries of the Mysore Government, or into the Banks of Bengal, Madras or Bombay or any of their branches to the credit of the Dewan of Mysore, failing which the deposit made will be forfeited.

9. Debentures will be issued as soon as possible after receipt of the amount of allotment.

10. The deposit on tenders which may not be accepted will be returned on application.

11. In the case of two or more tenders at the same rate (not being below the minimum), a *pro rata* allotment will, if necessary, be made.

12. The rate stated in a tender must not contain any fraction of an anna; if a rate containing a fraction of an anna is inserted in any tender, such fraction will be struck out, and the tender treated as if the rate did not contain such fraction of an anna.

13. In order to avoid mistakes, a separate tender must be made at each rate tendered, and a separate deposit must accompany each tender.

14. The annual revenues of the Mysore Province amount at present to Rs. 1,06,00,000 (one hundred and six lakhs of Rupees), and are expected to yield an annual surplus of five lakhs after defraying all charges and providing for repayments on account of the Famine Loan due to the Government of India.

15. Arrangements will be made for securing negotiability to the Debentures in British India free of Stamp Duty.

C. RANGACHARLU,
Dewan.

OFFICE OF THE DEWAN OF MYSORE,
BANGALORE,
The 1st May 1882.

Form of Tender.

I hereby tender for Rupees of the Loan advertized in the Notification of the Dewan of Mysore, dated 1st May 1882, and agree to pay the same subject to the conditions notified, at the rate of Rupees for every Rs. 100 allotted to me.

I enclose on account of the required deposit of 2 per cent. on the amount tendered (*here enter particulars of deposit*), and engage, if my offer is accepted, to pay the remainder of the amount of the Loan allotted to me on or before the 15th August 1882, in the manner prescribed in the Notification. Any allotment made to me may be communicated to the following address.

Signature.

Full address.

Form of Debenture.

MYSORE RAILWAY FIVE PER CENT. LOAN, 1882.

Bangalore, *1882.*

No.

The Government of His Highness the Maharaja of Mysore, in consideration of the sum of Rupees received from promise to pay to the said or order the sum of Rupees twenty years after the date hereof, together with interest at the rate of five per centum per annum, payable half-yearly on 15th February and 15th August.

NOTICE.

We have authorized from this date Mr. Alfred Ritz to sign our firm, and Mr. Martin Gutteling to sign our firm per procuration.

REINHOLD & CO.

CALCUTTA,
The 1st June 1882.

UNCOVENANTED SERVICE FAMILY PENSION FUND.

Result of Votes on the questions submitted in Circular No. 1, dated 17th February 1882.

Subject.	For.	Against.
1. To abolish the following clause of rule 5 :— "The members going out or resigning shall not be eligible for re-election until after the expiration of one year."	954	161
2. To ratify the action of the Annual General Meeting by confirming the reinstatement of Messrs. Madge, Home, and Ledlie.	1,101	117

By order of the Directors,

W. H. RYLAND,
Secretary.

FUND OFFICE;
CALCUTTA,
The 20th May 1882.

PROMISSORY NOTES.

Lost or Stolen

The Government Promissory Note, No. 065878, of the 4½ per cent. of 1872, reduced to 4 per cent. Loan of 1879, for Rs. 500, originally standing in the name of the Bank of Bengal, and last endorsed to Helen Teresa Schumacher, the proprietress, by whom it was never endorsed to any other person. Payment of the above Note and the interest thereupon have been stopped at the Public Debt Office, Bank of Bengal, and application is about to be made for the issue of duplicate in favour of the proprietress.

H. T. SCHUMACHER,
18, Lindsay Street, Calcutta.

The Gazette of India.

PUBLISHED BY AUTHORITY.

SIMLA, SATURDAY, JUNE 3, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART IV.

Acts of the Governor General's Council assented to by the Governor General.

GOVERNMENT OF INDIA

LEGISLATIVE DEPARTMENT.

[Third publication.]

The following Act of the Governor General of India in Council received the assent of His Excellency the Governor General on the 19th May, 1882, and is hereby promulgated for general information :—

ACT No. XVI OF 1882.

THE JHÁNSÍ ENCUMBERED ESTATES ACT, 1882.

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An Act to provide for the relief of Encumbered Estates in the Jhánsí Division of the North-Western Provinces.

Preamble.

WHEREAS many zamíndárs in the Jhánsí Division of the North-Western Provinces are in debt, and their immoveable property is subject to encumbrances, and it is expedient to provide for their relief in manner hereinafter appearing; It is hereby enacted as follows:—

CHAPTER I.

PRELIMINARY.

Short title:

1. This Act may be called the Jhánsí Encumbered Estates Act, 1882:

Commencement.

and it shall come into force on the passing thereof.

Interpretation-clause.

2. In this Act—

"land":

"land" means land assessed to revenue:

"zamíndár":

"zamíndár" means a proprietor of land or of any share in land, and includes an ubáridár:

"sír-land":

"sír-land" means—

(a) land recorded as sír at the last settlement or revision of settlement of the district in which it is situate, and continuously so recorded since;

(b) land continuously cultivated for twelve years by the proprietor himself with his own stock or by his servants, or by hired labour;

(c) land recognized by village-custom as the special holding of a co-sharer, or treated as such in the distribution of profits or charges among the co-sharers:

"public debt":

"public debt" means a debt due or liability incurred to Government: and

"private debt."

"private debt" means any debt or liability other than a public debt.

CHAPTER II.

APPOINTMENT OF OFFICERS.

Power to appoint a special Judge.

3. The Local Government may, from time to time, by notification in the official Gazette, appoint, for any local area in the Jhánsí Division, a special Judge, who shall exercise the powers conferred, and perform the duties imposed, on him by this Act.

Power to suspend or remove special Judge.

The Local Government may, at any time, by a like notification, suspend or remove any special Judge so appointed.

CHAPTER III.

OF THE APPLICATION AND PRELIMINARY INQUIRY.

Application for benefit of Act.

4. (1) At any time within twelve months after a special Judge is appointed for any local area, any zamíndár owning land in that area may apply, in writing, to the Commissioner of the Jhánsí Division, stating that the zamíndár is subject to, or that his immoveable property or any part thereof is encumbered with, private debts, and requesting that the provisions of this Act be applied to him.

(2) The like application may be made with respect to any such zamíndár by an officer appointed for the purpose by the Local Government:

(3) Provided that, where the zamíndár is a disqualified proprietor within the meaning of section 191 of the North-Western Provinces Land-revenue Act, 1873, the application shall be made—

(a) if his property is under the superintendence of the Court of Wards—by the manager of his property, with the consent of that Court; and

(b) if his property is not under such superintendence—by the Deputy Commissioner of the district in which the property is situate.

Power to extend time for making applications.

(4) The Local Government may, from time to time, by notification in the official Gazette, extend the time prescribed for making applications under this section.

Order to inquire.

5. When any such application is made in the case of any zamíndár, the Commissioner shall direct an inquiry to be made by the special Judge—

(a) into the nature and amount of the zamíndár's private debts, and

(b) into the sufficiency of his property, whether moveable or immoveable (exclusive of his proprietary rights in land and of the property mentioned in the first proviso to section 266 of the Code of Civil Procedure), to discharge his private debts.

Written statement to be submitted.

6. (1) When an inquiry has been directed under section five, the applicant shall, within a period to be fixed by the Commissioner, submit to the special Judge a written statement containing, so far as may be practicable,—

(a) such particulars as the special Judge may require respecting the private debts to which the zamíndár is subject, or with which his immoveable property or any part thereof is encumbered;

(b) the nature and value of the zamíndár's property (exclusive of his proprietary rights in land

and of the property mentioned in the first proviso to section 266 of the Code of Civil Procedure); and

(c) the names and residences of his creditors, so far as they are known to, or can be ascertained by, the zamíndár.

Verification of statement.

(2) The statement must be verified by the applicant or by some other competent person, in the manner required by law for the verification of plaints; and if it contains any averment which the person making the verification knows or believes to be false, or does not know or believe to be true, he shall be deemed to have intentionally given false evidence within the meaning of the Indian Penal Code:

Proviso.

(3) Provided that, when the application is made by an officer appointed under section four, clause (2), or by the Deputy Commissioner, it shall not be necessary to verify the statement; but the zamíndár shall, so far as may be practicable, within a period to be fixed by the special Judge, furnish such information regarding the matters mentioned in clauses (a), (b) and (c) of this section, as the Judge may require.

CHAPTER IV.

PROOF OF DEBTS AND PROCEDURE OF SPECIAL JUDGE.

Publication of notice to claimants against zamíndár.

7. (1) When the statement or information referred to in section six has been submitted or furnished, the special Judge shall publish in the official Gazette a notice in the vernacular language of the district, calling upon all persons having claims against the person or the property of the zamíndár by or with respect to whom the application was made under section four, to present to the special Judge, within two months from the date of the publication, a written statement of their claims.

Copies of notice to be exhibited.

(2) The special Judge shall also cause copies of the notice to be exhibited at his own office, at the offices of the Commissioner of the Jhánsí Division and the Deputy Commissioner of the district in which the land of the zamíndár is situate, and at some conspicuous place in the village where the zamíndár resides.

Provision for admission of claims within further period of two months.

(3) The statement must be presented within the period specified in the notice, unless the claimant satisfies the special Judge that he had sufficient cause for not presenting the statement within that period, in which case the special Judge may receive the statement within a further period of two months from the expiration of the period so specified.

Consequences of notice.

8. After the publication of the notice, the following consequences shall ensue (namely):—

(a) all proceedings pending at the date of the publication, in any civil or revenue Court in British India in respect of any private debt to which the zamíndár is subject, or with which his immoveable property is encumbered, shall be for ever stayed; and all processes, executions and attachments issued by any such Court, and then in force, in respect of any such debt shall become null and void;

(b) in respect of any such debt no fresh proceeding, process, execution or attachment shall, except as hereinafter provided, be instituted in, or issued by, any civil or revenue Court in British India;

(c) until the Commissioner has declared, as hereinafter provided, that the zamíndár has ceased to be subject to the disabilities mentioned in this clause—

(1) the zamíndár shall be incompetent to sell, mortgage, exchange, give, or, without the consent of the Commissioner, lease his proprietary rights in land or any part thereof; and

(2) no proceeding, process, execution or attachment shall be instituted in, or issued by, any civil or revenue Court in British India against those rights, in respect of any private debt contracted by the zamíndár after the publication of the notice.

Claim to contain full particulars.

9. (1) Every claimant referred to in section seven shall, in the written statement of his claim, present full particulars thereof.

Documents to be given up.

(2) Every document on which the claimant founds his claim, or on which he relies in support thereof, shall be delivered to the special Judge along with the written statement.

Entries in books.

(3) If the document is an entry in any book, the claimant shall produce the book to the special Judge together with a copy of the entry on which he relies. The special Judge shall mark the book for the purpose of identification, and, after examining and comparing the copy with the original, shall return the book to the claimant.

Exclusion of documents not produced.

(4) If any document in the possession or under the control of the claimant is not delivered or produced by him, as required by this section, the special Judge may refuse to receive that document in evidence on the claimant's behalf at the investigation of the case.

Claim not duly notified to be deemed discharged.

10. Every claim against the zamíndár in respect of a private debt shall, unless made within the time and in the manner required by this Act, be deemed, for all purposes, and on all occasions, to have been duly discharged.

Order appointing time for inquiry.

11. The special Judge shall, by an order in writing, appoint a time for inquiring into each claim made as aforesaid, and a copy of that order shall be served on the claimant and on the zamíndár, or, when the application has been made on behalf of a disqualified proprietor, on the manager of his property, or the Deputy Commissioner, as the case may be.

History of transactions with zamíndár to be investigated.

At the time so appointed, or at any subsequent time to which the proceedings may be adjourned, the special Judge shall hear such of the parties as appear, and, if the amount of any claim (other than a claim decreed by a competent Court) is disputed, shall inquire into the history and merits of that claim from the commencement of the

transactions between the parties, and shall, as hereinafter provided, determine the amount (if any) justly due to the claimant.

Explanation.—Subject to the right of appeal and power of revision hereinafter conferred, the effect of this determination is to extinguish the previously existing right (if any) of the claimant, together with all rights (if any) of mortgage or lien by which the same is secured, and, where any amount is determined to be due to him, to substitute for those rights a right to recover that amount in the manner and to the extent hereinafter prescribed, and not otherwise.

Mode of taking account.

12. When the special Judge inquires, under section eleven, into the history and merits of a claim, he shall—

notwithstanding any agreement between the zamíndár and the claimant, or the persons (if any) through whom they claim, as to allowing compound interest, or as to setting off the profits of mortgaged property in lieu of interest without an account, or otherwise determining the manner of taking the account, and

notwithstanding any statement or settlement of account, or any contract purporting to close previous dealings and create a new obligation,

open the account from the commencement of the transactions between the parties, and take that account according to the following rules (that is to say) :—

(*a*) separate accounts of principal and interest shall be taken;

(*b*) in the account of principal, there shall be debited to the zamíndár such money as may, from time to time, have been actually received by him, or on his account, from the claimant, and the price of goods (if any) sold to him by the claimant as part of the transactions between them;

(*c*) in the account of principal, there shall not be debited to the zamíndár any money which he may have agreed to pay in contravention of section 257A of the Code of Civil Procedure;

(*d*) in the account of principal, there shall not be debited to the zamíndár any accumulated interest which has been converted into principal at any statement or settlement of account, or by any contract made in the course of the transactions, unless the special Judge, for reasons to be recorded by him in writing, deems such debit to be reasonable;

(*e*) in the account of interest, there shall be debited to the zamíndár, monthly, simple interest on the balance of principal for the time being outstanding, at the rate allowed by the special Judge as hereinafter provided;

(*f*) all money paid by, or on account of, the zamíndár to the claimant, or on his account, and all profits, service or other advantages of every description received by the claimant in the course of the transactions, shall be credited first in the account of interest, and, when any payment is more than sufficient to discharge the balance of interest due at the time it is made, the residue of that payment shall be credited to the zamíndár in the account of principal:

Explanation.—The advantages mentioned in this clause shall be estimated, if necessary, at such money-value as the special Judge may determine in his discretion, or with the aid of arbitrators appointed by him;

(*g*) the accounts of principal and interest shall be made up to the date of making the claim; and the aggregate of the balances (if any) appearing due on both the accounts against the zamíndár at that date shall be deemed to be the amount due at that date, except when the balance appearing due on the account of interest exceeds that appearing due on the account of principal, in which case double the latter balance shall be deemed to be the amount then due.

Interest to be allowed.

13. The interest to be awarded in taking an account, according to the rules set forth in section twelve, shall be—

(*a*) the rate (if any) agreed upon between the zamíndár and the claimant, or the persons (if any) through whom they respectively claim, unless that rate is deemed by the special Judge to be unreasonable; or

(*b*) if that rate is deemed by the special Judge unreasonable, or if no rate was agreed upon, or, when any agreement to set off profits in lieu of interest without an account, entered into between the zamíndár and the claimant, or the persons (if any) through whom they respectively claim, has been set aside by the special Judge, such rate as the special Judge deems reasonable.

Proceedings when amount determined to be due is paid into court.

14. If, on the termination of the inquiries by the special Judge, the zamíndár forthwith pays into court the aggregate amount of the claims determined to be due, together with the aggregate of such costs (if any) as the special Judge may in each case award against the zamíndár, the special Judge shall submit a report of his proceedings to the Commissioner, and shall, on the application of each claimant, pay to him such portions (if any) of the said aggregate amounts as may be due to him.

Power to rank debts and fix future interest.

15. If the zamíndár does not pay the said amounts under section fourteen, and these amounts cannot, in the opinion of the special Judge, be paid from the proceeds of the sale of the zamíndár's property (exclusive of his proprietary rights in land and of the property mentioned in the first proviso to section 266 of the Code of Civil Procedure), the special Judge shall make an order ranking the claims and costs according to the order in which they shall be paid or discharged, and fixing the interest (if any) to be paid on the amounts thereof respectively from the date of the final decision thereon to the date of the payment or discharge thereof.

Power to eject mortgagee, &c.

16. When any person whose claim has been determined by the special Judge, or whose claim is, under section ten, to be deemed to be discharged, has, as mortgagee or otherwise, obtained possession of any land of the zamíndár as security for his claim and continues in possession of that land, the special Judge may order him to be ejected therefrom.

Any order passed under this section shall be executed as nearly as may be in accordance with the rules prescribed by the Code of Civil Procedure for the execution of decrees.

Report to be submitted by special Judge in certain cases.

17. When the proceedings hereinbefore prescribed have been concluded otherwise than under section fourteen, the special Judge

shall submit a report to the Commissioner, showing the nature and amount of the claims and costs as determined and awarded by him, the nature and amount of all the zamíndár's property (exclusive of his proprietary rights in land and of the property mentioned in the first proviso to section 266 of the Code of Civil Procedure) which may be available for the payment or discharge of the same, and, when an order has been made under section fifteen, the particulars of such order.

CHAPTER V.

PROCEDURE OF COMMISSIONER AND MODE OF LIQUIDATION.

On report of special Judge, Commissioner to sell property reported by special Judge, and, if necessary, to direct valuation of proprietary rights.

18. On receiving a report under section seventeen, the Commissioner shall direct that the property reported by the special Judge as available for the payment or discharge of the claims and costs determined and awarded by him, or any specified portion of that property, be sold by public auction, and, from the proceeds thereof, shall pay or discharge, so far as practicable, the amount of the said claims and costs.

If those proceeds are not sufficient to pay or discharge in full that amount, the Commissioner shall direct the value of the zamíndár's proprietary rights in land to be ascertained in the manner following:—

For the purposes of a loan, the value of those rights shall be estimated to be a sum amounting to six times the nett annual profits of the zamíndár.

For the purposes of purchase by Government, the value of those rights shall be estimated to be a sum amounting to ten times those nett annual profits.

"Nett annual profits."

Explanation.—The expression "nett annual profits" means the balance left, after deducting the amount of the annual Government revenue and the rates payable annually by the zamíndár under the North-Western Provinces Local Rates Act, 1878, or any other Act for the time being in force, from the aggregate amount of—

(*a*) the rents which he is entitled to receive annually from his tenants;

(*b*) the rent which he would have to pay annually for his sír-land (if any), if he were an ex-proprietary tenant thereof;

(*c*) all other profits annually receivable by him as zamíndár; and

(*d*) in the case of profits occasionally receivable or varying in amount from year to year, the average annual amount of such profits during the ten years next preceding the valuation.

Proceedings in liquidation.

19. When the value of the zamíndár's proprietary rights has been ascertained as directed in section eighteen, the Commissioner shall proceed as follows:—

(*a*) If the sum at which the rights have been valued for the purposes of a loan is sufficient to pay or discharge the unpaid balance of the claims and costs determined and awarded by the special Judge, together with the zamíndár's public debts, the Commissioner may, with the consent of the zamíndár, direct such sum as may be necessary, not being more than the amount of such valuation, to be advanced from the public treasury as a loan to the zamíndár, repayable, with interest thereon at the rate of five per cent. per annum, by instalments, within a term not exceeding ten years, and shall, from the sum so advanced, pay or discharge in full the said balance and the said public debts.

(*b*) If the zamíndár does not consent to accept such loan, or if the sum at which his proprietary rights in land have been valued for the purposes of a loan is not sufficient to discharge the said balance and the said public debts, the Commissioner may order that any portion, or, if necessary, the whole, of those rights shall be sold in the manner hereinafter prescribed in order to discharge such balance and debts.

Attachment of proprietary rights.

20. When an order for the sale of the proprietary rights of any zamíndár has been made under section nineteen, the Commissioner may order those rights to be attached and taken under the management of the Deputy Commissioner, who shall have, for this purpose, the same powers as are conferred, for the management of a mahál, on a Collector by the North-Western Provinces Land-revenue Act, 1873, section 155.

The management shall continue until the rights are sold under this Act.

Mode of selling proprietary rights.

21. (1) All sales under this Act of proprietary rights in land shall be made by public auction in the manner prescribed by the said North-Western Provinces Land-revenue Act, 1873, for the sale of immoveable property for arrears of land-revenue.

(2) If, at the public auction of any zamíndár's proprietary rights in land, any bid is made for those rights above the sum at which they have been valued for the purposes of purchase by Government, the rights shall be sold to the highest bidder; and the proceeds of the sale shall be paid to the Deputy Commissioner or such officer as the Commissioner may direct.

(3) If no such bid is made, the Commissioner shall direct a sum of money equal to the amount of that valuation to be paid from the public treasury to the Deputy Commissioner or such officer.

Duty of Deputy Commissioner.

22. The Deputy Commissioner or such officer, as the case may be, shall thereupon, subject to the control of the Commissioner,—

first, pay, from the money which he has received under section twenty-one, the zamíndár's public debts;

secondly, out of the balance of that money, pay or discharge, so far as may be practicable, the unpaid balances of the claims and costs determined and awarded by the special Judge, in the order in which they are ranked under section fifteen by that Judge;

thirdly, pay the surplus (if any) to the zamíndár,

When the whole of a zamíndár's proprietary rights in land have been sold in execution of an order passed under section nineteen, clause (*b*), and the proceeds of the sale are insufficient to discharge in full the amounts referred to in this section, the unpaid balance of those amounts shall nevertheless be deemed to have been duly discharged.

Consequences of loan.

23. When a sum of money has been lent, under section nineteen, clause (*a*), to a zamíndár, and applied as provided in that clause, and he fails to pay any instalment of principal or interest on the day fixed for the payment thereof, the whole sum remaining unpaid on account of principal or interest, or both, shall be recoverable at once as if it were an arrear of land-revenue due by him in respect of the land comprised in the valuation made under section eighteen.

Conditions of purchase by Government.

24. When a sum of money has been paid from the public treasury in respect of any proprietary rights of a zamíndár as provided in section twenty-one, and has been applied as provided in section twenty-two, the following consequences shall ensue (namely) :—

(*a*) all such proprietary rights shall vest in Her Majesty ;

(*b*) in respect of any of his sír-land, the proprietary rights in which are, under this section, vested in Her Majesty, the zamíndár shall be deemed to be an ex-proprietary tenant holding the land directly under the Government.

Power to declare that zamíndár has ceased to be subject to disabilities.

25. In each of the following cases (namely),—

(*a*) when a report has been submitted to the Commissioner under section fourteen, or

(*b*) when the claims and costs determined and awarded by the special Judge have been paid or discharged in full under section eighteen, or

(*c*) when the amount lent, under section nineteen, to a zamíndár has been repaid, together with the interest due thereon, or

(*d*) when the amount so lent, with interest, has been recovered from him as an arrear of land-revenue, or the balance thereof remaining unpaid has been remitted by the Local Government, or

(*e*) when the whole, or, where it is necessary to sell only a portion, that portion, of his proprietary rights in land has been sold under this Act to the highest bidder, or those rights have vested in Her Majesty under section twenty-four,

the Commissioner shall declare that the zamíndár has ceased to be subject to the disabilities mentioned in section eight, clause (*c*) :

Provided that, in cases coming under clause (*d*) of this section, no such declaration shall be made without the previous sanction of the Local Government.

CHAPTER VI.

OF APPEAL AND REVISION.

Appeals.

26. An appeal against any decision or order of the special Judge, under this Act, shall lie to the Commissioner if preferred within one month from the date of the decision or order, and not later, unless the appellant satisfies the Commissioner that he had sufficient cause for not presenting the appeal within that period.

Subject to the power of revision next hereinafter provided, the decision of the Commissioner on an appeal under this section shall be final.

Power to call for proceedings and pass order thereon.

27. The Board of Revenue or the Commissioner may, of its or his own motion, or on the application of any person concerned, call for and revise the proceedings in any case under this Act, and pass such order thereon, consistent with the provisions herein contained, as it or he thinks fit :

Provided that nothing in this section shall empower the Commissioner to pass any order reversing or modifying an order passed by the Board of Revenue.

CHAPTER VII.

MISCELLANEOUS.

Death of zamíndár during proceedings.

28. If a zamíndár with regard to whom a notice has been published under section seven dies before a declaration has been made in respect of him under section twenty-five,

(*a*) the proceedings under this Act shall be continued as nearly as may be possible in all respects as if the zamíndár were still living ; and

(*b*) any person succeeding to the whole or any portion of the zamíndár's proprietary rights in land shall become subject in respect of those rights to the disabilities imposed by section eight, clause (*c*), and shall continue so subject until a declaration has been made in respect of him under section twenty-five.

Investigation to be deemed a judicial proceeding.

29. Every investigation conducted by the special Judge with reference to any claim made to him under this Act, or to any matter connected with any such claim, shall be deemed to be a judicial proceeding within the meaning of the Indian Penal Code ;

Special Judge deemed public servant within meaning of Indian Penal Code.

and the special Judge shall be deemed to be a public servant within the meaning of that Code.

Power to summon witnesses, compel production of documents and award costs.

30. For the purposes of compelling the attendance of witnesses and the production of documents, and of awarding costs, the special Judge shall have the powers conferred on a Civil Court by the Code of Civil Procedure.

Bar of suits.

31. No suit or other proceeding shall be maintained against any person in respect of anything done by him in good faith pursuant to this Act.

Power to make rules.

32. The Local Government may, from time to time, make rules consistent with this Act—

(*a*) to regulate the procedure in all cases under this Act ;

(*b*) to declare what shall, for the purposes of this Act, be deemed to be the vernacular language of any specified district ; and

(*c*) generally to carry out the provisions of this Act.

Such rules shall be published in the official Gazette, and, when so published, shall have the force of law.

D. FITZPATRICK,
Secy. to the Govt. of India.

The Gazette of India.

PUBLISHED BY AUTHORITY.

SIMLA, SATURDAY, JUNE 3, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART V.

Bills introduced into the Council of the Governor General for making Laws and Regulations, or published under Rule 22.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

[First publication.]

The following Bill was introduced into the Council of the Governor General of India for the purpose of making Laws and Regulations on the 31st May, 1882:—

No. 7 OF 1882.

A Bill to modify temporarily certain provisions of the Petroleum Act, 1881.

Preamble.

WHEREAS there is reason to doubt whether the mode of testing petroleum prescribed by the Petroleum Act, 1881, is in all cases to be relied on in India, and it is therefore expedient, pending the removal of that doubt, or the adoption of an improved mode of testing petroleum, to afford, in respect of petroleum imported under certain guarantees as to its quality, some relief from the difficulties under which, owing to the said doubt, persons dealing in such petroleum might otherwise labour; It is hereby enacted as follows:—

Short title.

1. This Act may be called the Petroleum Act, 1882.

Commencement. Duration.

It shall come into force at once, and shall continue in force only until the first day of January, 1883, or such later date as the Governor General in Council may, from time to time, by notification in the *Gazette of India*, fix in this behalf,

This Act to be read with Act VIII of 1881.

and as long as it continues in force shall be read with, and taken as part of, the Petroleum Act, 1881.

Certain petroleum not to be deemed "dangerous petroleum."

2. Whenever it appears to the Governor General in Council that certificates of any description are commonly granted in any place beyond the limits of British India in respect of petroleum exported from that place to British India and that a certificate of that description is sufficient to prove that the petroleum therein referred to would, if tested in the manner prescribed by the Petroleum Act, 1881, at the place from which it is exported, have a flashing point not below seventy-three degrees of Fahrenheit's thermometer, the Governor General in Council may direct that petroleum imported from that place and covered by a certificate of that description shall not be deemed to be dangerous petroleum.

While any such direction continues in force, petroleum to which it applies shall not be deemed to be dangerous petroleum.

STATEMENT OF OBJECTS AND REASONS.

COMMUNICATIONS received by the Government of India by telegraph within the last two or three weeks afford ground for apprehending that petroleum which, when tested in America and elsewhere in the manner prescribed by the Petroleum Act, 1881, flashes at a point above 73° Fahrenheit may, when tested in the same manner on its arrival here, flash at a point below 73° Fahrenheit, and consequently have to be placed under the restrictions to which dangerous petroleum is subject. It has been suggested that this is probably due not to any want of care on the part of those applying the test in either country, but to the difference of climate. Steps have been taken with a view to having the matter fully inquired into; but as this will take some time, and as it is but fair that importers should in the meanwhile be relieved from the hardship to which they are exposed, it is proposed for the present to exclude from the class of dangerous petroleum all petroleum covered by a certificate granted at the place of export and of such a description that, in the opinion of the Governor General, it may be accepted as proving that the petroleum it refers to, if tested at the place of export according to our method, would be found to have a flashing point above 73° Fahrenheit.

C. P. ILBERT.

The 31st May, 1882.

D. FITZPATRICK,
Secy. to the Govt. of India.

SUPPLEMENT TO

The Gazette of India.

No 22.} CALCUTTA, SATURDAY, JUNE 3, 1882.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on a payment of six Rupees per annum if delivered in Calcutta, or nine Rupees if sent by Post.*

No Official Orders or Notifications, the publication of which in the GAZETTE OF INDIA *is required by Law, or which it has been customary to publish in the* CALCUTTA GAZETTE, *will be included in the* SUPPLEMENT. *For such Orders and Notifications the body of the* GAZETTE *must be looked to.*

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

Comparative Statement of the Nett Indian Sea and Land Customs Revenue (excluding Salt Revenue) for the first month of the official year 1882-83, and of the eleven preceding years.

(IN THOUSANDS OF RUPEES.)

YEAR.	FOR THE MONTH OF APRIL.																									YEAR.
	BENGAL.				BOMBAY.				SINDH.				MADRAS.				BRITISH BURMA.				TOTAL BRITISH INDIA.					
	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	Total Import Revenue.	Export Revenue.	Total Revenue.	
1871-72 . .	92	5,56	1,70	8.18	89	2,13	49	3,51	10	5	11	26	26	1,02	1,65	2,93	10	40	3,98	4,48	2,27	9,16	11,43	7,93	19,36	1871-72.
1872-73 . .	96	5,33	2,04	8,33	44	3,05	53	4,02	5	8	37	50	32	1,19	1,43	2,94	35	47	4,00	4,82	2,12	10,12	12,24	8,37	20,61	1872-73.
1873-74 . .	85	4,62	1,27	6,74	44	2,46	46	3,36	6	3	12	21	40	92	1,24	2,56	37	46	6,31	7,14	2,12	8,49	10,61	9,40	20,01	1873-74.
1874-75 . .	86	5,04	1,26	7,16	50	1,65	50	2,65	10	3	10	23	26	1,24	98	2,48	38	67	4,69	5,74	2,10	8,63	10,73	7,53	18,26	1874-75.
1875-76 . .	98	7,18	1,58	9,74	66	2,79	1,10	4,55	15	12	32	59	31	1,24	1,22	2,77	39	40	7,12	7,91	2,49	11,73	14,22	11,34	25,56	1875-76.
1876-77 . .	1,06	5,65	63	7,34	55	2,83	17	3,55	10	3	4	17	48	1,03	62	2,13	48	40	4,88	5,76	2,67	9,94	12.61	6,34	18,95	1876-77.
1877-78 . .	1,19	5,61	1,13	7,93	92	4,11	20	5,23	24	8	7	39	57	81	21	1,59	52	51	4,64	5,67	3,44	11,12	14,56	6,25	20,81	1877-78.
1878-79 . .	1,16	6,43	84	8,43	82	4,27	28	5,37	22	5	4	31	57	89	44	1,90	90	65	5,13	6,68	3,67	12,29	15,96	6,73	22,69	1878-79.
1879-80 . .	90	6,13	76	7,79	1,01	3,47	27	4,75	21	4	4	29	40	71	37	1,48	73	48	6,74	7,95	3,25	10,83	14,08	8,18	22,26	1879-80.
1880-81 . .	1,27	4,42	50	6,19	97	4,35	29	5,61	51	7	4	62	49	92	92	2,33	52	62	5,94	7,08	3,76	10,38	14,14	7,69	21,83	1880-81.
1881-82 . .	1,19	4,60	71	6,50	96	3,78	35	5,09	58	9	6	73	39	81	84	2,04	74	73	5,83	7,30	3,86	10,01	13,87	7,79	21,66	1881-82.
1882-83 . .	1,22	*	70	1,92	1,00	—22*	28	1,06	36	1	9	46	39	*	42	81	82	2	7,90	8,74	3,79	—19*	3,60	9,39	12,99	1882-83.

* The amount refunded is greater than the duty collected.

DEPARTMENT OF FINANCE AND COMMERCE,
STATISTICAL BRANCH;
Calcutta, 26th May 1882.

T. C. HOPE,
Secretary to the Government of India.

GOVERNMENT OF INDIA

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENTS OF PRICES CURRENT OF FOOD-GRAINS FOR THE 2nd HALVES OF MARCH AND APRIL 1882, PUBLISHED IN PAGES 646, 647, 798 AND 799 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 29th APRIL AND 27th MAY 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of last year.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of last year.	Rice. Best sort. Present fortnight.	Rice. Best sort. Past fortnight.	Rice. Best sort. Corresponding fortnight of last year.	Rice. Common. Present fortnight.	Rice. Common. Past fortnight.	Rice. Common. Corresponding fortnight of last year.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of last year.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of last year.	Lesser Millets, Ragi, &c. (Kavaru, Veragoo, Sawee, Cheena, Coraloo, Murhwa, Nuglee, &c.), *Panicum Miliaceum*, *Eleusine Coracana*, &c. Present fortnight.	Lesser Millets. Past fortnight.	Lesser Millets. Corresponding fortnight of last year.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of last year.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of last year.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of last year.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of last year.
		S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C	S. C.	S. C.	S. C.	S. C.	S. C.	S. C	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.
	2nd half of March 1882.																																
Raj-pootana.	Bánswára (Meywar Agency)	24 6	25 0	37 8	...	...	...	7 8	8 2	7 8	18 12	21 4	18 12	...	...	...	...	...	...	...	...	...	42 8	47 8	60 0	...	...	...	...	...	...	9 6	9 6	7 8
	Partábgarh (")	18 4	17 13	21 4	...	...	...	9 11	9 0	8 12	14 6	14 6	13 12	...	...	...	...	...	...	...	...	...	30 11	26 9	37 8	...	...	...	...	...	...	8 14½	9 6	8 2
	2nd half of April 1882.																																
Mysore.	Bangalore	11 15	12 5	11 9	14 5	13 7	12 6	10 0	10 0	9 12	11 11	12 1	12 0	26 11	27 0	24 12	...	...	...	27 0	26 4	33 2	31 3	30 14	40 0	96 0	96 0	90 0	12 12	12 12	10 8	12 4	12 4	10 0*
	Kolar	...	...	...	11 7	11 12	9 4	12 14	12 14	11 0	15 7	15 3	14 15	...	...	...	...	...	...	30 0	30 0	41 4	34 3	35 6	47 14	172 6	172 6	172 6	13 3	13 3	11 5	12 14	12 14	11 1*
	Túmkúr	14 0	14 0	14 0	12 0	12 0	14 0	12 0	12 0	12 8	13 0	13 0	15 8	...	...	...	...	...	...	28 0	28 0	50 0	38 0	38 0	50 0	340 0	340 0	340 0	12 8	12 8	13 8	12 0	12 0	13 0†
	Mysore	12 8	12 8	10 0	...	...	...	10 8	10 12	12 8	11 0	11 8	13 5	...	...	...	...	...	...	20 0	20 0	33 5	28 8	30 0	52 0	84 0	84 0	75 0	9 4	10 0	8 8	9 0	9 12	8 4*
	Hassan	13 8	13 0	13 8	13 0	14 0	14 0	10 0	11 0	13 0	11 0	12 0	13 8	...	...	...	...	...	...	24 0	24 0	40 0	24 0	25 0	40 0	600 0	600 0	600 0	...	...	...	8 0	8 0	8 0*
	Shimoga	14 11	15 4	14 11	15 4	15 12	16 13	10 8	10 8	14 11	12 10	14 3	16 13	27 5	33 10	50 6	...	...	...	28 6	32 9	55 10	27 5	29 6	48 5	480 0	480 0	480 0	10 0	10 0	...	9 7	9 7	8 15*
	Kadur	16 0	16 0	13 0	15 0	15 0	...	12 0	12 0	18 0	15 0	15 0	19 0	...	...	...	...	...	...	22 0	22 0	42 0	22 0	22 0	32 0	64 0	64 0	60 0	...	...	...	8 0	8 0	9 0*
	Chitaldroog	16 0	16 0	16 0	20 0	20 0	20 0	11 0	11 0	12 0	12 0	12 0	13 0	36 0	40 0	64 0	31 0	32 0	48 0	37 0	42 0	57 11	30 0	30 0	48 0	100 0	100 0	100 0	12 0	12 0	16 0	12 0	12 0	16 0†
																													R.A.P.	R.A.P. per md.	R.A.P.			
Raj-pootana.	Sirohee	20 0	20 0	19 0	27 0	27 0	34 0	7 0	7 4	6 0	8 8	8 8	7 0	18 0	20 0	18 0	22 0	23 0	22 6	...	...	...	24 0	20 0	20 0	160 0	160 0	120 0	3 5 4	3 5 4	...	11 7	11 7	11 7
																													S. C.	S. C.	S. C.			
Central India.	Indore	17 12	17 14	21 14	...	...	...	8 9	8 9	8 0	10 0	10 0	8 9	22 14	25 4	40 0	20 13	25 4	30 0	...	...	...	20 0	22 14	28 3	100 0	100 0	100 0	11 0	9 3	...	9 0	8 14	6 5
	Gwalior	..	...	18 2	22 7	20 9	20 9	7 7	7 9	6 12	9 10	9 15	9 12	22 7	22 13	23 12	17 13	18 4	16 7	...	...	...	21 0	21 4	20 8	109 8	109 8	127 12	...	...	...	11 7	11 9	9 10
	Goona	26 0	26 0	26 0	20 0	20 0	22 0	10 0	9 8	9 6	10 8	10 8	10 0	33 0	33 0	37 0	20 0	20 0	16 0	...	...	...	32 0	33 0	34 0	200 0	200 0	200 0	12 0	12 0	...	11 8	11 8	10 0
	Baghelkhand (Sutna)	23 0	22 8	19 10	35 5	36 10	32 0	7 0	7 0	7 0	23 0	20 12	19 12	40 0	36 10	32 0	25 12	24 0	24 0	...	...	...	32 0	32 0	26 0	160 0	160 0	160 0	12 8	12 7	...	10 12	11 10	10 8

* Sea Salt. † Earth Salt.

T. C. HOPE,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 30th MAY 1882.

GENERAL REMARKS.—There has again been rain throughout the Madras Presidency, but in parts not sufficient as yet for the requirements of the crops. More or less rain has also fallen in the Mysore State and in Coorg; also in the Southern Mahratta Country and other parts of the Bombay Presidency. In Berar, in the Nizam's Territories, and in the Punjab there has been no rain; while slight showers have occurred in two districts of the Central Provinces, in three districts of the North-Western Provinces and Oudh, and in a few States of Central India and Rajputana. In Assam and British Burma good rain has again fallen; and in Bengal more or less heavy showers have been reported from most districts.

General prospects in the Madras Presidency, in the Mysore State and in Coorg are favourable; sugarcane and paddy are being harvested in parts, and ploughing and sowing are progressing. Preparations for the *kharif* sowings are also in progress in the Nizam's Territories, in Berar, in the Bombay Presidency, and in the Central Provinces; and, excepting parts of three districts of Bombay and some parts in the Nizam's Territories where scarcity of water is felt, prospects in these Provinces are good on the whole. In the Punjab the *rabi* harvest still goes on in the northern districts, while in parts the autumn crops are being sown. In the North-Western Provinces and Oudh agricultural operations are, as is usual at this period, almost at a standstill, pending the arrival of the rains. Sugar and indigo, the main crops on the ground, are being irrigated, and are doing well. In Bengal the rainfall of the week has been beneficial for agriculture; ploughing and sowing are progressing favourably, and standing crops are thriving. In Assam also agricultural operations are in active progress, notably in Sylhet, where heavy rain has fallen. In British Burma ploughing in some places has begun.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(May 31st)		
Bellary ...	1·06 (average of seven stations).	Standing crops good; harvest paddy and sugarcane, yield paddy below average, sugarcane average; fever and small-pox in parts.
Kurnool ...	·26 (average of five stations).	Standing sugarcane and indigo suffering from want of water; small-pox and cattle-disease in parts.
Ganjam ...	·78 (average of eight stations).	Standing wet and dry crops thriving; fever and small-pox prevalent; cholera in parts; cattle-disease exists.
Kistna ...	·65 (average of four stations).	Fever, small-pox, and guinea-worm in parts; cattle-disease continues.
Chingleput (Madras) ...	·63 (average of two stations).	Standing crops good where water available, withering elsewhere; harvest wet and dry grains, outturn below average; agricultural operations progressing; small-pox in parts.
Coimbatore ...	1·71 (average of fifteen stations).	Standing crops generally good; harvest wet and dry crops, outturn wet, below average, dry, average; cholera, small-pox, and fever in parts.
Tanjore ...	1·02 (average of eleven stations).	Standing crops generally good; harvest cotton, gingelly and chillies, yield average.
Madura ...	·47 (average of five stations).	Standing crops fair; cholera in parts.
Malabar ...	1·59 (average of thirteen stations).	Sowing first crop progressing; small-pox, fever, cholera, and cattle-disease in parts.
Travancore ...	·27	Ploughing and sowing progressing; fever prevalent. *General Remarks.*—General prospects good.
Bombay—(May 31st)		
Kurrachee ...	Slight showers in four talukas.	River at Kotri on 29th, 8 feet 4 inches against 12 feet 2 inches on same date last year; fever in eight talukas; small-pox in Kurrachee, Tatta, and Ghorabari talukas, 4 cases fatal in Tatta and Ghorabari; *rabi* harvesting not quite over; *kharif* operations commenced; wheat, red rice, and *bajri* in Kurrachee 22, 36 and 34, in Sehwan 30, 56 and 48, in Sakro 16, 32 and 44, and in Jati 18, 52 and 44 lbs. per rupee, respectively.
Hyderabad ...	.....	River fallen a little; *kharif* operations commenced throughout the district; hot winds, with much dust; slight fever continues in five talukas; wheat 25, *juari* 45, *bajri* 40, red rice 33, and white rice 22 lbs. per rupee.
Ahmedabad ...	.....	Preparations for season continue; cholera—in Viramgaum 74 cases, 25 deaths, total 133 cases, 59 deaths; wheat 27 and *bajri* 29 lbs. per rupee.
Baroda ...	.....	Land being prepared for rainy season; health good; *bajri* 30 and common rice 23 lbs. per rupee.
Surat ...	.....	Preparation for cultivation continues; *juari* 36 and *nagli* 50 lbs. per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Násik ...	No rain	Great scarcity of water in Yeola and other places; *bajri* 36 and wheat 28½ lbs. per rupee.
Colaba (Bombay) ...	.....	Temperature normal; vapour in air normal; abnormal wind northerly and strong on 28th; distant lightning on 29th and 30th instant.
Poona ...	·70	Thunderstorm on 28th and 29th; slight cattle-disease in taluka Khed; *bajri* 44 and *juari* 56 lbs. per rupee, in Poona *bajri* 37 and *juari* 45 lbs. per rupee.
Ahmednagar ...	Nagar, ·03	Water-supply in taluka Parner failing; *juari*—maximum 96 lbs. in Jhamkhed, minimum 54 in Kopergaon; *bajri*—maximum 66 lbs. in Jhamkhed, minimum 45 in Kopergaon.
Sholapur ...	Sholapur, ·15; total 1·26; Karmala, 12; Pandharpur, ·33; Sangola, ·08; Malsiras, ·11	Cattle-disease slight in Malsiras, Sangola, Madha, and Sholapur; cholera—6 cases, 1 fatal in Karmala; *juari* 72 lbs. 2 tolas, *bajri* 55 lbs. 33 tolas.
Dharwar ...	Rain throughout district—above 3·00 at head-quarters; above 2·00 in Gadag and Kod; above 1·00 in Navalgund and Kalghatgi; elsewhere less than 1·00: maximum Dharwar, 3·22; minimum Mugad, ·07.	More rain wanted in Mugad and Gadag; preparation of ground for *kharif* sowing going on vigorously; scarcity of drinking-water only in Mugad and Gadag; cholera decreasing, 2 cases fatal, 10 of last week recovered; rice 22 and *juari* 54 lbs. per rupee.
Kanara ...	Karwar, 1·10; Kumpta, ·74; Londore, 1·85; Sirsi, 2·90; Hallial, ·71.	Preparing ground for monsoon crop; cattle-disease and small-pox subsiding; fever in two talukas; common rice in Karwar 14 seers, in district average 14½ seers per rupee; weather cloudy and hot.
Rajkot ...	.....	Weather getting hotter; cholera in Navanagar, Dhrol, Virpur, and Jetpur talukas; *bajri* 25 and *juari* 35 lbs. per rupee.
		General Remarks.—*Kharif* preparations in progress; good rain in Southern Mahratta Country and Satara, slight in Kurrachee, Poona, and Sholapur; scarcity of drinking-water in two talukas of Dharwar, one of Ahmednagar, and also in parts of Násik; slight fever, cattle-disease, and small-pox continue in some places; cholera in Ahmedabad, Sholapur, Satara, Belgaum, Dharwar, and parts of Kattywar.
Bengal—(May 30th)—		
Chittagong ...	3·90; heavy showers on the 29th.	Weather seasonable; transplanting of autumn rice going on; prospects of crops good; prices steady; cholera and small-pox not yet abated.
Dacca ...	5·42	Yield of spring rice about fourteen annas; prospects of autumn and winter rice and jute good.
24-Pergunnahs (Calcutta)	2·67	Ploughing continues; sowing of early rice going on; rain wanted in Basirhat sub-division; prices of common rice stationary; public health generally good; cholera still exists in parts of Barripur sub-division.
Moorshedabad ...	2·24	Prospects of crops favourable; rain has done much good; harvesting of *boro* rice commenced; sporadic cases of cholera in Lalbagh; public health otherwise good.
Rajshahye ...	0·82	Prospects fair; more rain wanted; prices stationary; cholera and fever decreasing.
Burdwan ...	1·25	Prospects of crops favourable; cases of cholera reported from various parts of the district.
Rungpore ...	1·84	Prospects of crops favourable; prices of food-grains stationary; public health good.
Bhagálpur ...	1·39	Ploughing going on; more rain wanted.
Purneah ...	*Nil*	Prospects of crops very good; sowing still going on; health improving.
Patna ...	*Nil*	Rice and autumn crops sowing going on; sugarcane promising well; cholera and small-pox still prevailing in Behar sub-division.
Durbhunga ...	0·16	Weather cloudy and cool; cultivation going on well; indigo good; prices stationary; cholera abating.
Hazáribágh ...	0·10	Weather very hot; fields being prepared everywhere, but more rain much wanted; some small-pox about; general health good; cattle-disease still reported.
Cuttack ...	0·12	Ploughing and sowing in progress; cholera decreasing.
		General Remarks.—Rain fell in most of the districts during the week, which is beneficial for agricultural purposes; ploughing and sowing proceeding favourably, and standing crops are doing well; more rain however wanted in some districts; harvesting of spring rice continues, with good average outturn; cholera much abated; small-pox exists in places in Behar, Chota Nagpore, and Chittagong; cattle-disease reported in some places.
N. W. Provinces and Oudh—		
Benares (May 30th)	No rain, except a sprinkle which succeeded a strong dust-storm on the evening of the 20th.	No agricultural operations going on, save irrigation of sugarcane; health of men and cattle generally good; one or two isolated cases of cholera reported in the city; the markets well supplied with food-grains; prices steady.
Cawnpore („ „)	*Nil*	Outturn of extra crops fair; prospects of indigo and sugarcane continue good; fever prevalent; prices stationary.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—*contd.*		
Allahabad (May 31st)	*Nil*	Weather very hot, east wind and cloud; cholera increasing in district chiefly north of Ganges; water in wells and tanks very low in many places; prices rising; wheat and gram exported to east; barley and gram imported from south.
Gorakhpur („ 30th)	*Nil*	Weather hot and fine, east wind; sporadic cholera and small-pox still continue; early rice being planted; prices stationary.
Jhánsi („ „)	Slight showers of rain	Weather hot, with passing clouds; manuring of fields continues; markets well supplied; prices rising, small-pox amongst children decreasing; cattle-disease continues, but in a mild form.
Agra („ „)	*Nil*	Sugarcane and indigo irrigation continues; fever and small-pox in city and three other parganas; general health good; prices almost stationary.
Farukhabad („ „)	*Nil*	Wind chiefly east; health of people good; prices still rising.
Bareilly („ „)	*Nil*	High east wind and dust-storms, without rain.
Meerut („ „)	*Nil*	Heat excessive; wind variable; occasional small dust-storms; health of men and cattle good; supplies still scanty, except in Meerut town, where large imports received from Punjab; prices stationary or rising slightly.
Kumaun („ „)	.....	Heavy storm nearly daily; some sickness, small-pox and measles, prevails; crops nearly harvested; *kharif* preparations going on; cattle-disease reported in three *pattis*; prices stationary.
Lucknow („ „)	*Nil*	Weather very hot; prices rising; mango crop scanty; irrigation of sugarcane going on; a few cases of cholera reported.
Partabgarh („ „)	*Nil*	Prices still continue to rise; sugarcane and *sawan* being irrigated, one crop of the latter has been cut; cholera still continues.
Rae Bareli („ 29th)	*Nil*	Weather seasonable; heat intense; wind shifting easterly from last Friday; cholera in three tahsils, prices stationary.
Sitapur („ 30th)	*Nil*	Great heat and storm yesterday, now cooler.
Fyzabad („ „)	Slight rain yesterday, with high easterly wind and dust.	
		General Remarks.—Slight rain in two districts; heat intense; wind variable, but chiefly easterly, with occasional storms; prices rising slightly; cholera is reported from Benares, Gorakhpur, Lucknow, Rae Bareli, and Partabgarh, and is increasing in Allahabad, chiefly north of the Ganges; some small-pox in five districts; cattle-disease in Kumaun, Moradabad, and Jhánsi.
Punjab—(May 30th)		
Delhi ...	No rain	Health fair; small-pox continues in city; prices stationary.
Hissar ...	No rain	Weather seasonable; health good; prices stationary.
Umballa ...	No rain	Health fair; prices steady.
Jullundur ...	No rain	Wheat being winnowed; health good; prices falling.
Amritsar ...	No rain	Grain nearly housed; health good; prices rising.
Lahore ...	No rain	Heat intense; health good; prices stationary.
Ferozepore ...	No rain	Crops being gathered; health good; prices steady.
Sialkot ...	No rain	Rinderpest decreasing; health good; prices steady.
Rawalpindi ...	No rain	Crops cut; prices falling.
Mooltan ...	No rain	Crops being garnered; *kharif* sowings still in progress; health good; prices steady.
Dera Ismail Khan ...	No rain	*Kharif* sowings in progress; health good; prices stationary.
Peshawar ...	No rain reported	Prices show a downward tendency.
		General Remarks.—No rain has fallen throughout the province during the last week; health good; prices of food-grains generally steady.
Central Provinces—		
Nagpur (May 31st)	.....	Weather cloudy and windy; *kharif* ploughing continues; prices easy.
Jubbulpore („ 30th)	.....	Weather hot and clear; *kharif* ploughings continue; cholera and small-pox prevalent; wheat 19 and rice 12 seers per rupee.
Saugor („ 29th)	·06	Weather cloudy and hot; land for *kharif* being prepared; prices rising.
Seoni („ 30th)	·03	Weather hot and cloudy; cholera, small-pox, and cattle-disease prevalent; prices have risen.
Khandwa („ 31st)	.....	Weather hot and windy, *kharif* ploughing continues; small-pox prevalent; wheat 14, *juari* 22½, and rice 11½ seers per rupee; prices rising.
Hoshangabad („ 30th)	.....	Weather hot and cloudy; ploughing continues; small-pox prevalent; wheat 14, rice 9, and *juari* 21 seers per rupee.
Raipur („ 27th)	.....	Weather cloudy and hot; *kharif* sowings commenced; cholera abating; rice 35 and wheat 30 seers per rupee.
Sambalpur („ 25th)	.....	Weather sultry; *kharif* lands under preparation; public health good; rice 49 seers per rupee.
		General Remarks.—Weather hot and cloudy, with occasional high winds; *kharif* ploughings continue; cholera, small-pox, and cattle-disease prevalent; prices on the whole easy.
British Burma—(May 27th)		
Akyab ...	9·35	Total rainfall 13·08; one death from cholera in Akyab town and two from small-pox in district; cattle-disease in five townships, severe in one.
Rangoon ...	4·22	Total rainfall 9·46; public health good.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
British Burma—*contd.*		
Bassein ...	4·07	Total rainfall 9·57; public health good; ploughing commenced in some *kwins*.
Prome ...	2·57	Total rainfall 4·64; a few cases of cholera in district, otherwise public health good.
Amherst (Moulmein) ...	.....	Five deaths from cholera in one township, otherwise public health in Moulmein and district good; cattle-disease still prevalent in one township.
Toungoo ...	6·50	Total rainfall 10·07; 11 cases of small-pox, of which 6 fatal in Toungoo town; slight cattle-disease in one township.
		General Remarks.—Some small-pox still in Toungoo; only a few cases of cholera here and there; public health generally satisfactory; cattle-disease prevalent in Akyab; rain general; ploughing already begun in some places.
Assam—(May 31st)		
Gauhati ...	4·62	Cholera still in places, but has almost left Gauhati and Barpeta; *aus* rice doing well.
Sylhet ...	8·88	Rain has given an impetus to *amun* and *aus* cultivation; cholera, small-pox, and cattle-disease still reported; tea doing well.
Cachar ...	8·89	Weather very wet; ploughing and sowing of *dumahi*, *murali*, and *asra* continue; common rice $21\frac{5}{16}$ seers per rupee; 4 cases of cholera from Sadr and 10 from Lakhimpur reported.
Dibrugarh ...	1·69	Weather showery; prospects of *aus* paddy good; ploughing for *sali* paddy; cattle-disease still reported; public health good.
Mysore and Coorg—(May 31st)		
Bangalore ...	.....	Young sugarcane crops in good condition; harvesting of *vysakh* paddy and sugarcane continues; *haraka*, gingelly, and lamp-oil seeds being sown; prospects favourable; prices unchanged.
Mysore ...	3·49	Standing crops in good condition; *kar*, *ragi*, *cholum*, &c., being sown; prospects good; prices stationary.
Mercara ...	1·65	Sowing of *ragi* and paddy proceeding in the Naujarajpatna and Yelusavishime taluks; recent showers have caused a late blossom on the coffee estates on Sampaji ghât; small-pox still prevalent.
		General Remarks.—Rain has fallen more or less throughout the Mysore State; crops are in good condition; pasturage is improving; ploughing operations are in active progress; prices are favourable; cholera abating in Mysore town; a few sporadic cases in the Hassan district.
Berar & Hyderabad—(May 31st)		
Amráoti ...	.....	Weather hot; ploughing operations continue; wheat 18 and *juari* 36 seers per rupee.
Akola ...	.....	Land being prepared for *kharif* sowings.
Hyderabad ...	.....	*Tabi* reapings concluded; ground being prepared for coming *kharif* crops; scarcity of water and fodder for cattle is felt in some places; fever and cattle-disease prevail in places; prices—wheat 16, common rice $10\frac{1}{4}$, white *juari* $21\frac{1}{2}$, yellow *juari* $26\frac{1}{2}$, and *tur* $26\frac{1}{4}$ seers per current sicca rupee.
Central India States—(May 31st)		
Indore ...	·67	Weather clear; no immediate signs of the monsoon; prices steady; health good.
Morar (Gwalior) ...	No rain	Heat intense; health good.
Sutna ...	·01	Health good.
Neemuch ...	.....	Cholera still continues, but the outbreak is not a severe one; hot winds; prices rising.
Goona ...	.....	Health and prospects good; wheat 21 seers per rupee.
Bhopal ...	.....	Weather hot; small-pox diminishing.
Agar ...	Slight showers	Health good.
Nowgong ...	.....	Weather hot and sultry, with dust-storms; health good; small-pox prevalent; prices stationary.
Manpur ...	Slight rain on 26th	Weather cloudy and hot; prices of wheat 15, gram $17\frac{3}{4}$, *juar* $19\frac{3}{4}$, and *makka* $22\frac{1}{2}$ seers per rupee.
Rajputana—		
Abu (May 31st)	.....	Weather rather warm; high winds; slightly foggy mornings.
Sirohi („ 28th)	.....	Tanks and wells fair; health good; high winds.
Marwar („ 26th)	.....	Plenty of water in tanks and wells; health good; weather clear; intense heat; winds sharp; clouds disappeared; prices fluctuating, with tendency to rise.
Meywar („ 27th)	.....	Tanks and wells fair; health good; ploughing commenced; clouds and high winds.
Harowti („ „)	Deoli, 0·7; Kotah, 0·4; Tonk, 0·16; Shahpura, ·35	Dust and thunder storms daily, with showers and hail; winds variable; heat great.
Jhallawar („ 24th)	.....	Small-pox still continues; weather cloudy and sultry.
Ajmere („ 30th)	.....	Weather seasonable; some cases of small-pox in Todgarh; hot winds blowing.
Jeypore („ „)	.....	Weather seasonable; prices stationary; health good.
Bhurtpore ...	.....	No report received.
Ulwur (May 31st)	.....	Health good; high hot winds; wells low.
Nepal—(May 25th)		
Katmandu ...	No rain	Weather much hotter; rain impending.

E. C. BUCK,
Secy. to the Govt. of India.

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☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

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SUPPLEMENT No. 23.

PART I.

Government of India Notifications, Appointments, Promotions, &c.

HOME DEPARTMENT.

NOTIFICATIONS.—PUBLIC.

Simla, the 8th June 1882.

No. 865.—Under the provisions of Section 17 of the Indian Arms Act, 1878, the Governor General in Council is pleased to direct that the following Rule for the grant of licenses for the importation into British India, by land or river, of arms, ammunition, or military stores, shall be inserted after Rule 6B of the Rules framed under Section 17 of the said Act, and published in the Notification mentioned in the margin:—

No. 1601, dated the 30th August 1879.

6 C. Licenses to import into British India, by land or river, arms (other than arms for which the Governor General in Council is to issue licenses under Rule 5), ammunition, or military stores, may be granted by the Magistrate of the district to which such arms, ammunition, or military stores are consigned; or, if such arms, ammunition, or military stores are consigned to a Presidency Town, by the Commissioner of Police. The fee payable in respect of each such license shall be Rs. 5; but officers granting such licenses are empowered to remit the fee when the arms, ammunition, or military stores are of a reasonable quantity, and such officers are satisfied that they are required *bonâ fide* for purposes of protection of person or property. In the case of arms, ammunition, or military stores imported from a Native State, a copy of the license shall be sent by the officer granting it to the Political Officer of the State from which they are to be imported. If the district to which the arms, ammunition, or military stores are consigned is other than a frontier district, and they are to cross the frontier by road or river, a copy of the license shall also be sent to the Magistrate of the frontier district, who shall, if he thinks necessary, before permitting the arms, ammunition, or military stores to leave his district, require the holder of the license to produce them for his inspection. In cases in which the arms, ammunition, or military stores are to cross the frontier by rail, a copy of the license shall be sent to the Railway authorities at the place to which the arms, ammunition, or military stores are to be conveyed by Railway. The Railway authorities shall in every such instance satisfy themselves before delivery that the arms, ammunition, or military stores claimed by any consignee correspond with the description given in the original license, which must be produced by him, and also that the license is identical in substance with the copy sent to them by the officer granting

it. If the license is not produced, or the arms, ammunition, or military stores claimed do not correspond with the description in the license, the Railway authorities shall give immediate notice of the fact to the nearest Magistrate. Nothing in this rule applies to import into the district of Ajmere.

The licenses shall be prepared in the following form :—

FEE FIVE RUPEES IN STAMPS.

License to import arms, ammunition, or military stores by river or land.

Name and residence of license-holder and agent, if any.	Number of packages.	Arms.		Ammunition or military stores.		Place of despatch and route.	Purpose for which consignment is required.	Destination.	Name and residence of consignee.	Period for which license is valid.
		Description.	Number.	Description.	Weight or Number.					
										From the of _____188 . to the of _____188 .

(Signature.)

*The*_____188 . (Seal.) *Magistrate of the* _____ *District*

or

*Commissioner of Police*_____.

Endorsements to be printed on the reverse of the above form :—

This license is valid only for the period and the route named herein.

It becomes invalid if bulk is broken, or the consignment stopped, at any place on the journey.

It is given subject to the provisions of the Indian Arms Act, 1878, and of the rules framed thereunder.

The contents of each package covered by this license shall be described in legible characters on the outside of such package.

This license must be delivered to the District Magistrate or the Commissioner of Police when the articles covered by it reach their destination. In the cases of consignments crossing the frontier by road or river, the articles must, within six days of their reaching British territory, be available for exhibition to the frontier Magistrate, or other officer whom he may empower in this behalf. In case of consignments crossing the frontier by rail this license must be shown to the Railway authorities of the station of delivery.

The Governor General in Council is also pleased to direct that the following Rules shall be substituted for Rules 7A, 8, 9 and 10 of the Rules framed under Section 17 of the Indian Arms Act, 1878, and published in Home Department Notification No. 1892, dated the 25th November 1881 :—

(7A.) Nothing in Rule 5, 6, 6C or 7 shall be deemed to authorise the grant of licenses—

(*a*) to import any arms, ammunition, or military stores from Portuguese India ;

(*b*) to export to Portuguese India by sea, river or land, any arms, ammunition, or military stores, except the same be exported for the exclusive use of the Government of Portuguese India, or are covered by a special license for import into Portuguese India signed by the Secretary General to the Government of Portuguese India.

(8.) Persons desirous of transporting, importing by land or river, or exporting arms, ammunition, or military stores, must apply in writing to the nearest officer authorised to grant such licenses. The application must specify—

(*a*) the place to which the articles are to be transported, imported or exported ; the route of transport, import, or export ; and the probable time that will be occupied in the journey :

(*b*) the quantity, description, average price, and the purpose of each kind of arms or ammunition : or

(*c*) in the case of transport or export, whether the applicant has obtained the consent of the Magistrate or Political Officer of the place of consignment. [If so, the evidence of such consent must be produced.]

(9.) Persons transporting, importing by land or river, or exporting arms, ammunition or military stores under a license, must write legibly on the cases or packages containing such articles an account of their contents.

(10.) In the case of transport, or import by land or river, the consignee must, within six days of the articles reaching their destination, deliver the transport or import license to the Magistrate of the district, or, in the case of a Presidency Town, to the Commissioner of Police. In the case of articles crossing the frontier of British India by road or river—(1) the export license must, within six days of the consignment reaching the frontier district, and before it leaves British territory, be delivered to the Magistrate of the frontier district, or other officer empowered by him on this behalf; (2) the import license must, within six days of the consignment entering British territory, be shown to the Magistrate of the frontier district, or other officer empowered by him on this behalf.

The officer to whom the transport, import, or export license, as the case may be, may be delivered, must satisfy himself that the articles correspond with the entries in the license, and that any deficiency is properly accounted for.

ESTABLISHMENTS.

The 5th June 1882.

No. 243.—Mr. A. M. Monteath, C.S.I., is permitted to resign Her Majesty's Bengal Civil Service, with effect from the 26th March 1882.

JUDICIAL.

The 7th June 1882.

No. 793.—The Hon'ble H. T. Prinsep, a Judge of the High Court of Judicature at Fort William in Bengal, has obtained privilege leave for three months, with effect from the 19th instant, or from any subsequent date on which he may avail himself of it.

ECCLESIASTICAL.

The 8th June 1882.

No. 108.—The following extract from a despatch* from Her Majesty's Secretary of State for India is published for general information :—

* No. 59 (Public / Ecclesiastical), dated 11th May 1882.

"I have to inform Your Excellency in Council that Her Majesty has been pleased to appoint the Right Reverend John Miller Strachan, M.D., to be Bishop of Rangoon, in succession to the Right Reverend J. H. Titcomb, D.D., who has resigned that office and his chaplaincy on the Bengal Establishment.

"The Queen has also been pleased to approve the appointment of Dr. Strachan to be a Senior Chaplain on the Bengal (Rangoon) Establishment, with effect from the date of his arrival at Rangoon."

FORESTS.

The 6th June 1882.

No. 476 *F.*—Mr. J. C. Murray, Sub-Assistant Conservator of Forests in the North-Western Provinces, is appointed to officiate, until further orders, as an Assistant Conservator of Forests of the 3rd Grade, with effect from the 26th May 1882.

A. MACKENZIE,

Secy. to the Govt. of India.

FOREIGN DEPARTMENT.

NOTIFICATIONS.—GENERAL.

Simla, the 9th June 1882.

No. 965 *G.G.*—Major (Brevet Lieutenant-Colonel) C. B. Smith, C.S.I., Madras Infantry, Political Assistant, 1st Class, is appointed to officiate as Resident in Meywar, with effect from the date of assuming charge.

No. 967 *G.G.*—The following appointments are made in the Political Department :—

Captain W. Loch, Bo. S. C., Political Assistant, 3rd Class, and Officiating Political Agent, 3rd Class, to be an Additional Political Agent, 3rd Class. Captain Loch is posted as Boundary Settlement Officer in Marwar and Assistant to the Resident in the Western States of Rajputana.

Mr. H. S. Barnes, B.C.S., Officiating Political Assistant of the 1st Class and 2nd Assistant to the Agent to the Governor General in Biluchistan, to officiate as a Political Agent of the 3rd Class.

Lieutenant H. L. Ramsay, B.S.C., Officiating Political Assistant of the 3rd Class and Assistant to the Agent to the Governor General in Rajputana, to officiate as a Political Assistant of the 1st Class. Lieutenant Ramsay is posted as 4th Assistant to the Agent to the Governor General in Biluchistan.

Lieutenant C. Herbert, B.S.C., Deoli Irregular Force, to officiate as a Political Assistant of the 3rd Class. Lieutenant Herbert is posted as 3rd Assistant to the Agent to the Governor General in Rajputana.

No. 970 *G.G.*—The portion of Foreign Department Notification No. 1891 G.G. of the 21st October 1881 relating to the appointment of Major J. R. McK. Homfray, Boundary Settlement Officer in Bundelkhand, to officiate as Cantonment Magistrate at Nowgong, is hereby cancelled.

No. 972 *G.G.*—The services of Mr. R. Warder, Executive Engineer, 4th Grade, are replaced at the disposal of the Public Works Department, with effect from the date on which he may be relieved of his duties in Mysore.

JUDICIAL.

The 9th June 1882.

No. 77 *I.J.*—Under Section 8 of Act XV of 1872, the Governor General in Council is pleased to appoint the gentlemen named in the margin, connected with the Mysore Wesleyan Mission, to be Marriage Registrars in respect of all places within the territories of Mysore, including the Civil and Military Station of Bangalore; and under Section 9 of the said Act, the Governor General in Council is pleased to license them to grant certificates of marriage between Native Christians within the said territories.

Revd. J. Hudson.
" J. A. Vanes.
" W. H. J. Picken.
" E. R. Eslick.
" A. Burnet.
" E. Roberts.
" G. W. Sawday.
" E. H. Hocken.
" H. Haigh.
" H. Gulliford.
" A. P. Biddette.
" D. A. Rees.

C. GRANT,
Secy. to the Govt. of India.

DEPARTMENT OF FINANCE AND COMMERCE.

NOTIFICATIONS.

Simla, the 5th June 1882.

No. 1566.—Privilege leave for one month and eight days is granted to Mr. T. C. Hope, Bo.C.S., C.S.I., Secretary to the Government of India in the Department of Finance and Commerce, with effect from the 5th June 1882.

Mr. D. M. Barbour, B.C.S., is appointed to officiate as Secretary to the Government of India in the Department of Finance and Commerce during the absence on leave of Mr. Hope, or until further orders. Mr. Barbour assumed charge of the said office before noon on the 5th June 1882.

R. LOGAN,
for *Offg. Secy. to the Govt. of India.*

The 10th June 1882.

No. 1591.—In consequence of the retirement of Mr. A. M. Monteath, C.S.I., the following confirmations are made, with effect from the 26th March 1882, inclusive:—

Mr. F. R. Hogg, B.C.S., is confirmed in the appointment of Director General of the Post Office of India.

Mr. H. E. M. James, Bo.C.S., is confirmed in the appointment of Post Master General, Bengal.

Mr. A. U. Fanshawe, B.C.S., is confirmed in the appointment of Post Master General, Bombay.

The 9th June 1882.

No. 1603.—In exercise of the powers conferred by Section 8 of the Indian Stamp Act (1 of 1879), the Governor General in Council is pleased to remit the stamp duty (if any) chargeable on copies of, or extracts from, baptismal, marriage, or burial registers certified by Government Chaplains, subsidised or unsubsidised Clergymen, or Diocesan Registrars, and granted to—

(1) soldiers, sailors, or non-commissioned or petty officers;

(2) or persons in needy circumstances, in whose favour Chaplains may exercise the discretionary power vested in them by Rule IX of the Ecclesiastical Fee Rules published on the 29th September 1869, and may grant exemption from the payment of fees under Rule IV of those rules.

No. 1650.—*Abstract of the Accounts of the Department of Issue of Paper Currency on the 31st May 1882, published as required by Section 23 of the Indian Paper Currency Act, 1871.*

Circles of Issue.	Whole amount of Notes in circulation.	Reserve in Silver Coin and Bullion.		
		Coin.	Bullion.	Total.
	Rs.	Rs.	Rs.	Rs.
Calcutta ...	6,72,80,710	1,73,89,406	42,51,068	2,16,41,164
Madras ...	1,56,43,185	88,35,975	10,80,000	99,15,975
Bombay ...	4,51,09,590	2,35,32,786	86,01,524	3,21,34,310
Allahabad ...	61,98,420	88,73,890	...	88,73,890
Lahore ...	77,01,180	1,02,28,940	...	1,02,28,940
Calicut ...	12,81,475	14,46,860	...	14,46,860
Kurrachee ...	34,15,380	24,45,635	39,200	24,84,835
Total ...	14,07,25,940	7,27,53,582	1,39,72,392	8,67,25,974
Invested in Government Securities under Section 17 of the Act ...				5,99,99,966
Grand Total ...				14,67,25,940

D. M. BARBOUR,
Offg. Secy. to the Govt. of India.

MILITARY DEPARTMENT.

Simla, the 9th June, 1882.

APPOINTMENTS.

No. 312.—STAFF CORPS—

The undermentioned officers are admitted to the Bengal Staff Corps, with effect from the dates specified, subject to the confirmation of the Right Hon'ble the Secretary of State for India:—

Lieutenant James Gibbon Turner, R.A., Officiating Squadron Officer, 8th Bengal Cavalry, —27th March, 1881.

Lieutenant Stephen Francis Biddulph, Border Regiment, Officiating Squadron Officer, 11th Bengal Lancers,—30th April, 1881.

No. 313.—ADJUTANT GENERAL'S DEPARTMENT—

Lieutenant-Colonel G. B. Wolseley, York and Lancaster Regiment, to be an Assistant Adjutant General on the establishment, *vice* Lieutenant-Colonel J. D. Dyson-Laurie, appointed to command the 1st Battalion, Border Regiment. Dated 29th May, 1882.

No. 314.—COMMISSARIAT DEPARTMENT—

Lieutenant W. J. H. Bond, Bengal S. C., Officiating Wing Officer and Officiating Quartermaster, 26th Native Infantry, to be a Sub-Assistant Commissary General, 3rd class, on probation, with effect from the 15th May, 1882, to fill an existing vacancy.

No. 315.—Lieutenant R. B. Shawe, Sub-Assistant Commissary General, 3rd Class, on probation, is confirmed in his appointment, with effect from the 17th May, 1881.

No. 316.—HYDERABAD CONTINGENT—

3rd Infantry.

Lieutenant G. C. Atkinson, Madras S. C., Wing Officer, 31st Madras Native Infantry, to officiate as Wing Officer, *vice* Lieutenant F. A. Harris, transferred to the 1st Infantry, and during the period Colonel D. Shaw, Wing Commander and 2nd-in-Command, officiates as Commandant, 1st Infantry.

4th Infantry.

Lieutenant T. H. Plumer, Madras S. C., Officiating Wing Officer, 25th Madras Native Infantry, to officiate as Wing Officer, *vice* Captain H. M. Mason, Officiating as Squadron Officer, 2nd Cavalry.

5th Infantry.

Lieutenant A. Hatton, Madras S. C., Officiating Wing Officer, 41st Madras Native Infantry, to officiate as Wing Officer, *vice* Lieutenant A. Adye, on furlough.

6th Infantry.

Lieutenant C. M. Maguire, Madras S. C., Wing Officer, 20th Madras Native Infantry, to officiate as Wing Officer, *vice* Captain W. H. Salmon, Officiating as 2nd-in-Command 1st Infantry.

No. 317.—VOLUNTEER CORPS—

Calcutta Volunteer Rifle Corps and Administrative Battalion, Presidency Volunteers.

Major H. M'L. Hutchison, West Yorkshire Regiment, to officiate as Commandant during the absence of Lieutenant-Colonel G. F. Graham, on furlough, or until further orders.

No. 318.—CALCUTTA VOLUNTEER RIFLE CORPS—

Mr. J. T. Macnair, to be Lieutenant, in the Mounted Company,—15th May, 1882.

FURLOUGH AND LEAVE.

No. 319.—The undermentioned officers are granted furlough out of India, with the necessary subsidiary leave :—

Colonel W. E. D. Broughton, Infantry, (p. a.) under the regulations of 1868.

Lieutenant-Colonel (Brevet Colonel) H. S. Obbard, Bengal S. C., (p. a.) for two years, under rule IX of the regulations of 1868.

Lieutenant-Colonel (Brevet Colonel) C. W. R. Chester, Bengal S. C., Commandant, 26th Native Infantry, (p. a.) for 1 year and 115 days, under rule IX of the regulations of 1868.

Captain C. T. Bingham, Bengal S. C., Deputy Conservator of Forests, 2nd grade, British Burma, (p. a.) for two years, under rule IX of the regulations of 1868.

No. 320.—The undermentioned officers have been granted extensions of furlough by the Right Hon'ble the Secretary of State for India :—

Lieutenant-Colonel R. E. Boyle, Bengal S. C., (m. c.) for four months.

Major H. M. Ramsay, General List, Infantry, (u. p. a.), without pay, for 100 days.

Major H. W. Clarke, R.E., (u. p. a.), without pay, for thirty days.

Lieutenant F. G. L. Mainwaring, Bengal S. C., (m. c.) for three months.

Lieutenant C. B. Porter, Bengal S. C., (m. c.) for four months.

Surgeon A. Duncan, M.D., (m. c.) for four months.

No. 321.—Lieutenant-Colonel (Brevet Colonel) E. Hill, Madras S. C., Squadron Commander and 2nd-in-Command, 4th Cavalry, Hyderabad Contingent, is granted leave for 182 days to study the Native languages. (This cancels G. G. O. No. 240 of 1882.)

LONDON GAZETTE.

No. 322.—The following extracts are published for general information :—

London Gazette, dated the 2nd May, 1882, pages 1998-99.

"India Office, 2nd May, 1882.

Her Majesty has approved of the following promotions among the officers of the Staff Corps and Indian Military Forces made by the Governments in India :—

BENGAL STAFF CORPS.

To be Lieutenant-Colonel.

Major and Brevet Lieutenant-Colonel Sir Robert Groves Sandeman, K.C.S.I. Dated 8th February, 1882.

To be Captains.

Lieutenant Harry Murray MacKenzie. Dated 8th February, 1882.

Lieutenant Henry Macan Mason. Dated 8th February, 1882.

Lieutenant Duncan Chesney. Dated 9th February, 1882.

BENGAL ARMY.

Infantry.

To be Major.

Captain and Brevet Major Binfield Wemyss. Dated 20th January, 1882.

BREVET.

To be Colonel.

Dated 5th January, 1880.

Lieutenant-Colonel (now Colonel) George Battye Fisher, Bengal Infantry.

Lieutenant-Colonels to be Colonels.

Dated 1st July, 1881.

Griffith Turner Jones, Bengal Infantry.
Francis Shrubb Iredell, Bombay Infantry.
Patrick Carfrae Dalmahoy, Bengal Infantry.
Philip Story, Bengal Infantry.
Edward John McNair, Bengal Infantry.
Arthur Phelps, Bombay Infantry.
Augustus Drummond Grant, Madras Infantry.
George Edward Henry Beauchamp, Madras Infantry.
Francis Goring Rideout, Madras Infantry.
Edward George Dixon, Madras Infantry.
Henry Russell Wintle, Bengal Infantry.

William Christopher Chowne, Bengal Infantry.
James Cavan Berkeley, Madras Infantry.
Richard Worsley, Bengal Infantry.

To be Major.

Captain (now Major) Charles James Abbott Yates, Bombay Infantry, in succession to Major-General J. Cockburn Hood, Bengal Staff Corps, transferred to the Unemployed Supernumerary List.

"London, Gazette," dated the 5th May, 1882, page 2078.

WAR OFFICE;

Pall Mall, 5th May, 1882.

MEMORANDUM.

Deputy Commissary and Honorary Lieutenant James Moon, Bombay Establishment, to have the honorary rank of Captain. Dated 2nd February, 1882.

INDIAN STAFF CORPS.

The undermentioned Officers to be transferred to the Unemployed Supernumerary List :—

General Reynell George Taylor, C.B., C.S.I., Bengal. Dated 1st April, 1882.
Major-General Charles Curtis Drury, Bengal. Dated 24th March, 1882.
Colonel John Gray Touch, Madras. Dated 27th March, 1882.

The following promotions to take place in succession to General R. G. Taylor, C.B., C.S.I., and Major-General C. C. Drury :—

To be General.

Lieutenant-General Sir Henry Wylie Norman, K.C.B., C.I.E., Bengal. Dated 1st April, 1882.

To be Lieutenant-Generals.

Major-General (Supernumerary) Thomas Fourness Wilson, C.B., C.I.E., Bengal, as a Supernumerary in his new rank. Dated 1st April, 1882.
Major-General Alfred William Lucas, C.B., Bombay. Dated 1st April, 1882.

To be Major-Generals.

Colonel John Irvine Murray, C.B., Bengal. Dated 24th March, 1882.
Colonel Sir Lewis Pelly, K.C.B., K.C.S.I., Bombay. Dated 1st April, 1882.

The following promotions to take place on the Unemployed Supernumerary List :—

To be Lieutenant-Generals.

Dated 1st April, 1882.

Major-General John Henry Melville Babington, Madras.
Major-General Charles Campbell McCallum, Madras.
Major-General Thomas Greenaway, Madras.
Major-General Charles Malcolm Barrow, C.B., Bombay.
Major-General Daniel Boyd, Bombay.
Major-General Francis Young, Madras.
Major-General John Colpoys Haughton, C.S.I., Bengal.

To be Major-Generals.

Colonel Percy Fortescue Gardiner, Bengal. Dated 24th March, 1882.
Colonel Thomson Gillilan, Madras. Dated 1st April, 1882.

INDIAN LOCAL SERVICE.

Lieutenant-General David Scott Dodgson, C.B., Bengal Infantry, has been transferred to the Unemployed Supernumerary List. Dated 20th March, 1882.

The following promotions to take place in succession to General R. G. Taylor, C.B., C.S.I., and Lieutenant-General D. S. Dodgson, C.B. :—

To be Lieutenant-Generals.

Major-General David Brown, Madras Infantry. Dated 20th March, 1882.
Major-General John Gustavus Halliday, Madras Infantry. Dated 1st April, 1882.

The following promotions to take place on the Unemployed Supernumerary List :—

To be Lieutenant-Generals.

Major-General Douglas Hamilton, Madras Infantry. Dated 20th March, 1882.
Major-General George Staple Dobbie, Madras Infantry. Dated 1st April, 1882.
Major-General Arthur Newbolt Rich, Madras Infantry. Dated 1st April, 1882.
Major-General Henry Augustus Adams, Bombay Infantry. Dated 1st April, 1882.
Major-General William Warden Anderson, Bombay Cavalry. Dated 1st April, 1882.
Major-General John Field, C.B., Bombay Infantry. Dated 1st April, 1882."

PROMOTIONS.

No. 323.—The following promotion is made, subject to Her Majesty's approval :—

BENGAL ARMY.

To be Colonel.

Lieutenant-Colonel William Edward Delves Broughton, Infantry,—dated 5th June, 1882.

No. 324.—COLONEL'S ALLOWANCE—

General Sir Edwin Beaumont Johnson, K.C.B., C.I.E., Royal (late Bengal) Artillery, is admitted to the Colonel's allowance, *vice* General G. Campbell, C.B., deceased. Dated 26th April, 1882.

No. 325.—Lieutenant-Colonel (Brevet Colonel) Sir Charles Cooper Johnson, K.C.B., Bengal S. C., is admitted to the Colonel's allowance. Dated 7th June, 1882.

No. 326.—NATIVE ARMY—

11th Native Infantry.

Havildar Parag Dechit, to be Jemadar, *vice* Kalka Ram, invalided,—1st May, 1882.

41st Native Infantry.

Havildar Mothie Sing, to be Jemadar, *vice* Dumbur Sing, deceased,—16th April, 1882.

44th Native Infantry.

Jemadar Joy Chund Thakoor, to be Subadar, *vice* Nukched Sing, invalided; Havildar Pertab Sing Rai, to be Jemadar, *vice* Joy Chund Thakoor, promoted,—11th April 1882.

PENSIONS.

No. 327.—Conductor William Benjamin Mason, Ordnance Department, is transferred to the Pension establishment.

RETIREMENTS.

No. 323.—Lieutenant-Colonel Charles Ellison Bates, Bengal S. C., has been permitted to retire from the service, with effect from the 21st April 1882, subject to Her Majesty's approval.

REWARDS.

No. 329.—GOOD SERVICE PENSIONS—

It is hereby announced that, on the recommendation of the Government of India, Her Majesty's Government has been pleased to confer good service pensions on the undermentioned officers, with effect from the dates specified :—

From the 15th December, 1881, in room of Colonel H. F. M. Boisragon, Bengal Staff Corps, retired.

MAJOR-GENERAL SIR JAMES HILLS, K.C.B., V.C., ROYAL (LATE BENGAL) ARTILLERY.

Dates of Commissions.

2nd-Lieutenant ...	11th June, 1853.
Lieutenant ...	8th September, 1857.
Captain ...	24th November, 1862.
Brevet Major ...	19th January, 1864.
Major ...	5th July, 1872.
Brevet Lieutenant-Colonel ...	15th August, 1868.
Lieutenant-Colonel ...	31st December, 1878.
Brevet Colonel ...	14th February, 1876.
Major-General ...	10th July, 1879.

Appointments.

Aide-de-Camp to Viceroy ...	1859 to 1862.
Assistant to Resident at Nepal ...	1862 to 1863.
Brigade Major to Inspector General, Royal Artillery for India ...	1864 to 1869.
Commandant, Peshawar Mountain Battery ...	1869 to 1873.
Officiating Assistant Adjutant General ...	1875 to 1876.
Assistant Adjutant General (includes the time 13th October, 1878, to 10th July, 1879, when he was Assistant Adjutant General, Kandahar Field Force) ...	1876 to 1879.
Military Governor of Kabul ...	1879 to 1880.
Commanding 3rd Division, or Northern Afghanistan Field Force ...	1880 to 1881.

War Services.

Served in the suppression of the Indian Mutiny, 1857-58, and was present in the action on the Hindun, the battles of Badli-ke-Serai and Najafgarh, the siege and capture of Delhi (severely wounded), and the siege and capture of Lucknow; also during the campaign in Rohilkand, including the capture of Bareilly and the action of Mohamdi, (*V.C., medal and two clasps, and brevet of Major*). Served during the campaign in Abyssinia from the 6th February, 1868, with No. 5-25th R. A., Mountain Battery, and was present at the capture of Magdala, (*medal and brevet of Lieutenant-Colonel*). Served during the Lushai Expedition, 1871-72, in command of the Peshawar Mountain Battery, (*C.B., India medal and clasp*). Served during the campaign of 1878-79 in Southern Afghanistan as Assistant Adjutant General of the Kandahar Field Force; joined the Kuram Field Force during the advance on Kabul in September, 1879, and served with it at the action of Charasia, the occupation of Kabul, and in the operations at and in the vicinity of that place in December, 1879, including the defence of the Sherpur Cantonment; afterwards commanded the 3rd Division, Northern Afghanistan Field Force, during the operations in the Logar Valley, and in the withdrawal of the British Forces from Kabul to Peshawar, (*K.C.B.; medal and two clasps*).

From the 17th December, 1881, in room of Lieutenant-General A. Fraser, C.B., Royal (late Bengal) Engineers, succeeded to the Colonel's allowance.

COLONEL (BRIGADIER-GENERAL) THOMAS GILBERT KENNEDY, C.B., BENGAL STAFF CORPS.

Dates of Commissions.

Ensign ...	24th December, 1849.
Lieutenant ...	3rd October, 1852.
Captain ...	24th December, 1861.
Brevet Major ...	19th January, 1864.
Major ...	24th December, 1869.
Brevet Lieutenant-Colonel ...	16th May, 1870.
Lieutenant-Colonel ...	24th December, 1875.
Brevet Colonel ...	16th May, 1875.

Appointments.

Officiating Commandant, Guide Cavalry ...	1854 to 1855.
Officiating Adjutant, Corps of Guides	1855.
Commandant, Fort Abazai ...	1855.
Officiating Commandant, Guide Cavalry ...	1855.
Officiating Adjutant, Corps of Guides	1855.
Doing duty, Sind Rifle Corps ...	1856.
Adjutant, 6th Punjab Infantry (late Sind Rifle Corps) ...	1856 to 1857.
Officiating Commandant, Guide Cavalry ...	1857.
Officiating 2nd-in-Command, Corps of Guides ...	1857 to 1860.
Officiating Commandant, 2nd Punjab Cavalry ...	1860.
2nd-in-Command, Corps of Guides...	1860-61.
Officiating Commandant, 3rd Punjab Cavalry ...	1861 to 1862.
2nd-in-Command, Corps of Guides...	1862 to 1863.
Officiating Commandant, and Commandant, 2nd Punjab Cavalry ...	1863 to 1880.
Brigadier-General Commanding Punjab Frontier Force ...	7th September, 1880, to date.
Commanding Mahsud-Waziri Expeditionary Force ...	12th March, 1881, to 18th May, 1881.

War Services.

Served with the Miranzai Field Force in the expedition into the Kuram Valley, October to December, 1856. Accompanied the Corps of Guides to Delhi in 1857, and served at the siege and capture of that place (severely wounded) and at the action of Narnoul, in which he was again wounded, (*medal and clasp, and brevet of Major*). Served subsequently in the Sittana Expedition, 1858; in the Kabul Khel-Waziri Expedition in 1859, including the action of Maidani; in the Mahsud-Waziri Expedition in 1860, including the forcing of the Barará Pass; and in the Daur Valley Expedition, 1872, (*India medal, with clasp for the North-West Frontier*). Commanded the 2nd Punjab Cavalry throughout the campaigns of 1878-80 in Afghanistan, and was present in the skirmish at Saif-u-din, the occupation of Kandahar, the action of Shahjui, the battle of Ahmad Khel, and actions of Arzú and Patkao Shana, (*medal and clasp, and C.B.*). Commanded the expedition sent in April and May, 1881, against the Mahsud-Waziris.

From the 30th December, 1881, in room of Major-General H. K. Burne, C.B., Bengal Staff Corps, succeeded to the Colonel's allowance.

COLONEL (BRIGADIER-GENERAL) SIR CHARLES JOHN STANLEY GOUGH, K.C.B., V.C., BENGAL CAVALRY.

Dates of Commissions.

Cornet ...	20th March, 1848.
Lieutenant ...	1st September, 1849.
Captain ...	29th June, 1857.
Brevet Major ...	20th July, 1858.
Major ...	13th October, 1870.
Brevet Lieutenant-Colonel ...	24th January, 1867.
Lieutenant-Colonel ...	16th July, 1876.
Brevet Colonel ...	28th November, 1875.

Appointments.

Officiating Interpreter and Quartermaster, 8th Bengal Light Cavalry ...	1848 to 1849.
Interpreter and Quartermaster, 8th Bengal Light Cavalry ...	1849 to 1856.
Adjutant, 8th Bengal Light Cavalry ...	1856 to 1857.
Doing duty (Volunteer) with the 1st Punjab Cavalry (siege of Delhi) ...	1857.
Doing duty with the Guide Cavalry (siege of Delhi) ...	1857.
Doing duty, Hodson's Horse ...	1857 to 1858.
Aide-de-Camp to Major-General Macduff ...	1863.
Officiating Commandant, 18th Bengal Cavalry ...	1863 to 1864.
Commandant, 5th Bengal Cavalry	1864 to 1879.
Brigadier-General Commanding 1st Infantry Brigade, Khyber Division ...	1879 to 1880.
Brigadier-General Commanding 2nd Infantry Brigade, 2nd Division, Northern Afghanistan Field Force ...	1880 to 1881.
Brigadier-General Commanding Khyber Brigade ...	1880.
Brigadier-General Commanding Hyderabad Contingent ...	29th April, 1881, to date.

War Services.

Served during the campaign in the Punjab, 1848-49, and was present at the action of Rámnagar, the passage of the Chenáb, the action at Sadúlapur, and the battles of Chiliánwálá and Gújerát, (*medal and two clasp*). Served during the Indian Mutiny campaigns of 1857-58, and was present at the siege and capture of Delhi, the actions of Kharkauda, Rhotak, Narnoul, Gangiri, Patiáli, Mainpuri, Shamshabad (wounded) and Mianganj, and at the siege and capture of Lucknow, (*medal and two clasps, V.C., and brevet of Major*). Served in Bhutan in 1864-65, and was present at the capture of Dalimkot, (*India medal and clasp*). Served during the campaigns of 1878-80 in Afghanistan; commanded the Cavalry Brigade of the 1st Division, Peshawar Valley Field Force, at the capture of Ali Masjid, 21st November, 1878, and the whole of the troops engaged at the action of Fatehabad, 2nd April, 1879; commanded the brigade of the Khaibar Division, pushed forward to the relief of Kabul in December, 1879, and was present in the actions near Jagdalak and in the march to Kabul; commanded the artillery and infantry of the force under Major-General Ross, detached to meet the Ghazni Field Force, April, 1880, and was present in the skirmishes near Shekábád, and afterwards commanded the force employed in the Paghman and Koh Daman districts, (*medal and two clasps, and K.C.B.*).

From the 31st December, 1881, in room of Colonel Sir C. H Palliser, K.C.B., Bengal Staff Corps, retired.

COLONEL JULIUS GEORGE MEDLEY, ROYAL (LATE BENGAL) ENGINEERS.

Dates of Commissions.

2nd-Lieutenant ...	11th June, 1847.
Lieutenant ...	1st August, 1854.
Captain ...	27th August, 1858.
Brevet Major ...	28th August, 1858.
Brevet Lieutenant-Colonel ...	14th June, 1869.
Lieutenant-Colonel ...	2nd January, 1871.
Brevet Colonel ...	2nd January, 1876.
Colonel ...	10th May, 1881.

Appointments.

Assistant Engineer, Public Works Department ...	1850 to 1853.
Executive Engineer, 4th Grade ...	1853.
Executive Engineer, 3rd Grade ...	1855.
Executive Engineer, 2nd Grade ...	1856.
Garrison Engineer at Delhi ...	1858.
Deputy Consulting Engineer for Guaranteed Railways, Lahore ...	1858 to 1860.
Principal, Civil Engineering College, Calcutta ...	1862.
Officiating Under Secretary to the Government of India, Public Works Department ...	1862.
Principal, Civil Engineering College, Roorkee ...	1863 to 1871.
Superintending Engineer, 1st Grade, 1st Punjab Circle ...	1873 to 1877.
Consulting Engineer to the Government of India for Guaranteed Railways, Lahore ...	1877.
Chief Engineer, 3rd Class ...	1877.
Chief Engineer, 2nd Class (temporary) ...	1877.
Chief Engineer, 2nd Class (permanent) ...	1879.

War Services.

Served as Field Engineer with the force under Brigadier N. B. Chamberlain against the Bozdars on the Derajat Frontier in March, 1857, and was present at the storm and capture of the Khanband heights on the 7th March, and in the subsequent operations, (*India medal, with clasp for North-Western Frontier*). Served with the army before Delhi from the 1st August, 1857, to end of the siege, and was severely wounded in the assault, 14th September. Served with Sir Thomas Seaton's force in the Doab in December 1857, and was present at the affairs of Gangiri and Patiáli. Served under Sir James Outram at the Alumbagh, Lucknow, in February, 1858, as Field Engineer, and with the army under the Commander-in-Chief during the siege of Lucknow in March, 1858, as Directing Field Engineer, (*medal and two clasps, and brevet of Major*).

From the 14th January, 1882, in room of Lieutenant-General W. Olpherts, C.B., V.C., Royal (late Bengal) Artillery, succeeded to the Colonel's allowance.

DEPUTY SURGEON-GENERAL ANNESLEY CHARLES CASTRIOT DERENZY, C.B., INDIAN MEDICAL SERVICE.

Dates of Commissions.

Assistant Surgeon ...	29th July, 1851.
Surgeon ...	12th October, 1863.
Surgeon-Major ...	29th July, 1871.
Deputy Surgeon-General ...	12th November, 1877.

Appointments.

Regimental duty, Bengal Artillery ...	January, 1852.
Medical Store-keeper, Rangoon ...	8th December, 1853.
Regimental duty, 15th Bengal Native Infantry ...	7th April, 1857.
Regimental duty, 1-1 Horse Artillery ...	7th February, 1858.
Medical charge, Simla ...	17th April, 1858.
Regimental duty, 27th Foot ...	1859.
Regimental duty, 2-2 Horse Artillery ...	12th December, 1859.
Regimental duty, 29th Bengal Native Infantry ...	4th October, 1861.
Regimental duty, 4th Sikhs ...	.....
Regimental duty, 10th Bengal Native Infantry ...	.....
Civil Surgeon ...	1867.
Sanitary Commissioner, Punjab ...	10th March, 1868.
Deputy Surgeon-General, Eastern Frontier District ...	11th November, 1877.
Deputy Surgeon-General, Punjab Frontier Force ...	21st March, 1880, to date.

War Services.

Served with the Bengal Artillery during the campaigns of 1852-53 in Burma, and was present

at the capture of Martaban, the operations at Rangoon, April, 1852, and the occupation of Prome, (*medal and clasp*). Was with the late 15th Native Infantry when that corps mutinied at Nasirabad in May, 1857. Served at the siege and capture of Lucknow, March, 1858 (*medal and clasp*). Served also in the expedition against the Nagas in 1879-80, and was present at the capture of Konoma, (*India medal ; C.B.*).

From the 1st March, 1882, in room of General Sir H. W. Norman, K.C.B., C.I.E., Bengal Staff Corps, succeeded to the Colonel's allowance.

DEPUTY SURGEON-GENERAL STEPHEN CHAPMAN TOWNSEND, C.B., INDIAN MEDICAL SERVICE.

Dates of Commissions.

Assistant Surgeon ...	1st June, 1852.
Surgeon ...	1st April, 1864.
Surgeon-Major ...	1st June, 1872.
Deputy Surgeon-General ...	18th December, 1878.

Appointments.

General duty, Burma Field Force ...	1852 to 1853.
Doing duty, Bengal Artillery, and in medical charge of Artillery recruits proceeding from Dum-Dum to Upper Provinces ...	1853 to 1854.
In medical charge 26th Native Infantry ...	1854 to 1856.
In medical charge 7th Irregular Cavalry ...	1856 to 1859.
In medical charge 2nd Irregular Cavalry ...	1859.
In joint medical charge, Simla ...	1859 to 1861.
F Battery, 5th Brigade, R. H. A. ...	1862.
Civil employ ...	1865 to 1878.
Deputy Surgeon-General, Rawalpindi Circle ...	1878 to 1880.
Principal Medical Officer, Kuram Division, Kabul Field Force ...	1879.
Surgeon-General, Punjab ...	1st April, 1880.

War Services.

Served during the campaign of 1852-53 in Burma, (*medal*). Served as Principal Medical Officer of the Kuram Field Force during the latter portion of the campaign of 1878-79 in Afghanistan. Served during the earlier part of the advance on Kabul, September, 1879, as Principal Medical Officer of the Kuram Division, Kabul Field Force, and was severely wounded in action in the Hazar-Darakht defile, (*medal ; C.B.*).

G. CHESNEY, *Colonel,*
Secretary to the Government of India.

MILITARY (MARINE) DEPARTMENT.

Simla, the 9th June, 1882.

PROMOTIONS.

No. 25.—The following promotions are made in Her Majesty's Indian Marine :—

Mr. F. O. Gadsden, Assistant Engineer, 1st class, to be Engineer,—1st May, 1882.

Mr. W. W. Newman, Assistant Engineer, 2nd class, to be Assistant Engineer, 1st class, —1st April, 1882.

Mr. W. Sutherland, Assistant Engineer, 2nd class, to be Assistant Engineer, 1st class, —24th May, 1882.

G. CHESNEY, *Colonel,*
Secretary to the Government of India.

PUBLIC WORKS DEPARTMENT.

NOTIFICATIONS.

Simla, the 3rd June 1882.

No. 150.—The Governor General in Council is pleased to make the following promotions in and to the classes of Superintending Engineers :—

Names.	From	To	Nature of promotion.	Date.
Martin, E. J. ...	Offg. Supdg. Engr., Class I ...	Supdg. Engr., Class I ...	Temporary	27th May 1882.
Holmes, Lt.-Col. W. B., R.E.	Supdg. Engr., Class II, temporary rank.	" " " I ...	Officiating	27th "
Home, Major F. J., R.E. ...	Offg. Supdg. Engr., Class II ...	" " " II ...	Temporary	27th "
Wickes, T. H. ...	Supdg. Engr., Class III, temporary rank.	" " " II ...	Officiating	27th "
Walker, F. B. ...	Offg. Supdg. Engr., Class III...	" " " III ...	Temporary	27th "
Dibblee, F. L. ...	Executive Engineer, 1st Grade	" " " III ...	Officiating	27th "

No. 151.—Mr. A. H. Tyndall, Executive Engineer, 2nd Grade, Bengal, is permitted to retire from the service of Government under Sections 102 and 109 of the Civil Pension Code.

The 6th June 1882.

No. 152.—Mr. C. Von Ahn, Executive Engineer, 4th Grade, temporary rank, is transferred from British Burma to Central India.

The 7th June 1882.

No. 153.—Mr. T. J. Dumayne, Executive Engineer, 4th Grade, temporary rank, temporarily attached to the Simla Imperial Circle, is replaced at the disposal of the Director General of Railways.

W. S. TREVOR, *Colonel, R.E.,*
Secy. to the Govt. of India.

The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, JUNE 10, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller General, &c.

GAZETTE OF INDIA.

NOTICE.

The 11th March 1882.

From the 8th April next, till further notice, Parts I, IV, and V of the *Gazette of India*, and the Weather and Crop Report, will be published at Simla. After the 1st April, all Notifications and other matter intended for publication in those Parts, should be addressed to the Officiating Publisher at that station.

Parts II and III and the Supplement will continue to be published in Calcutta.

Parts IV and V of the *Gazette of India*, containing the Acts and Bills of the Legislative Council, may be subscribed for separately from the other Parts of the Gazette. The annual subscription for the two Parts will be Rs. 5 per annum, payable in advance. When sent by post, Rs. 2-8 per annum additional will be charged for postage. For the current year these Parts are available from 1st May only, the back numbers being out of print.

Complaints regarding non-receipt of any number of the *Gazette* should be forwarded within a week after the day on which it is due.

Applications for the supply of the *Gazette* on the *public service* should be addressed to the Home Department.

By an order of Government, all subscriptions must be paid *in advance*.

	Rs.	A.	P.
Subscription for *Gazette* and Supplement per annum	15	0	0
Postage	5	8	0
Subscription for Supplement only	6	0	0
Postage	3	0	0
For a single copy of the *Gazette*	0	8	0
For a single copy of the Supplement	0	8	0

Postage on single copies varies according to weight.

E. J. DEAN,

Publisher, Gazette of India.

NOTICE.

The Office of Superintendent of Government Printing having been removed to No. 166, Dhurrumtollah Street, all communications intended for that Office should be sent to that address.

E. J. DEAN,

Supdt. of Govt. Printing India.

NOTICE TO MARINERS.

No. 22 of 1882.

CEYLON—EAST COAST.

Non-existence of Shoal reported distant 4 miles from Batticaloa.

With reference to this Department Notice to Mariners, No. 29 of 15th August, 1881, on the reported existence of a shoal (on which the steam vessel *Brennus*, drawing 22 feet, struck) stated to lie about 4 miles off shore with Batticaloa flagstaff bearing about S. W. by W. ½ W., the British Hydrographic Department has notified that—

Further information has been received from the Commander-in-Chief in the East Indies, and from the Government of Ceylon, in reference to searches having been made for this reported danger in H. M. S. *Ready*, and by the Colonial Government. These examinations show that no danger exists so far distant from the land, in the direction reported, and in such deep water (25 to 32 fathoms).

From these examinations, taken in connection with the evidence collected, it is considered that the *Brennus* struck on a shoal not heretofore charted, lying with Batticaloa flagstaff bearing S. 7° W., distant 7½ cables, situated in the midst of known shoal coral ground.

This new shoal, with a least depth over it of 15 feet, lies 3¼ cables N. W. of the 7-feet shoal known as Tower rock; 6 cables W. ¼ S. of the 12-feet shoal known as Beacon rock; and 8¼

cables E. by S. of the 19 feet shoal known as Surveyor rock.

(The bearings are Magnetic. Variation 1¼° Easterly in 1882.)

By direction of the Government of India,

A. DUNDAS TAYLOR, *Comdr. (late I.N.),*
Superintendent, Marine Survey of India.

Marine Survey Department,
Calcutta,
The 1st June 1882.

This Notice affects the following:—

BRITISH ADMIRALTY Charts, Nos. 2031, 828, 70 and 748*b*.

INDIAN MARINE SURVEY Charts, Nos. 1256, 15*b* and 103*a*. Also Taylor's Sailing Directory, Vol. I, page 442.

If this Notice is received on board-ship, the substance of it should be inserted on the Charts affected by it, and introduced into the Sailing Directions to which it relates.

SURGEON-GENERAL WITH THE GOVERNMENT OF INDIA.

NOTIFICATIONS.

Simla, the 16th May 1882.

No. 21.—Third Grade Assistant Surgeon Trailokya Nath Moitra, of the supernumerary list, is granted leave on medical certificate for six months without pay, with effect from 22nd May 1882.

The 19th May 1882.

No. 22.—The services of 2nd Grade Assistant Surgeon Kally Dass Bose, of the supernumerary list, are placed at the disposal of the Chief Commissioner, Assam.

The 20th May 1882.

No. 23.—The services of 3rd Class Hospital Assistant, No. 238, Abdool Fatha Khan, of the military establishment, are placed permanently at the disposal of the Chief Commissioner, Central Provinces.

No. 24.—The services of 3rd Grade Assistant Surgeon Guru Charan Das Gupta, of the supernumerary list, are placed at the disposal of the Chief Commissioner, Andaman and Nicobar Islands.

J. M. CUNINGHAM, M.D.,
Surgeon-General with the Govt. of India.

CHIEF COMMISSIONER OF AJMIR-MERWARA.

NOTIFICATIONS.

Mount Abu, the 29th May 1882.

No. 343.—Mr. W. R. Lawrence, C.S., Assistant Commissioner of Merwara, is appointed to officiate as Assistant Commissioner of Ajmir, with effect from the 24th May 1882, or date of assuming charge, *vice* Mr. F. T. Hewson, C.S., proceeding on three months' privilege leave.

Under Section 39, Ajmir Courts Regulation, Mr. W. R. Lawrence is appointed to be Magistrate of the District both of Ajmir and Merwara.

No. 344.—Rai Bishen Sarup, Deputy Magistrate of Kekri, is appointed to officiate as Assistant Commissioner of Merwara, while Mr. W. R. Lawrence officiates as Assistant Commissioner at Ajmir.

Rai Bishen Sarup is invested with the powers of a Magistrate of the 2nd Class, as defined in Section 20 of the Criminal Procedure Code, and with the civil powers of a Subordinate Judge of the 2nd Class to hear civil cases not exceeding Rs. 500 in value.

Munshi Chotan Lal, Superintendent of Irrigation, Ajmir-Merwara, is appointed to officiate as Deputy Magistrate of Kekri, in addition to his own duties, *vice* Rai Bishen Sarup.

Munshi Chotan Lal is invested with the powers of a Magistrate, 2nd Class, as described in Section 20, Criminal Procedure Code, and with civil powers to try suits when the amount or value of the subject-matter does not exceed Rs. 100.

No. 349.—Lieutenant-Colonel A. Conolly and Colonel C. H. Clay, respectively, made over and received charge of the office of Cantonment Magistrate, Deoli, on the forenoon of 4th February 1882.

The 30th May 1882.

No. 368.—Mr. F. L. Reid and Mr. Thomas Harris, respectively, made over and received charge of the office of Principal, Ajmir Government College, and Inspector of Schools, Ajmir-Merwara, on the afternoon of the 26th April 1882.

No. 371.—Mr. Thomas Harris and Babu Shamsunder Lal, respectively, made over and assumed charge of the office of Head Master, Ajmir Government College, on the forenoon of the 27th April 1882.

By Order,
E. A. FRASER,
1st Asst. to the Chief Commr.

MILITARY DEPARTMENT—Military Works.

NOTIFICATIONS.

Simla, the 5th June 1882.

No. 27.—Captain W. L. Greenstreet, R.E., Temporary Superintending Engineer, 3rd Class, transferred to the Head-quarters Staff of the Inspector General of Military Works, reported his arrival at Inspector General's Office on the afternoon of 2nd June 1882.

J. J. McLEOD INNES, *Colonel, R.E.,*
Inspr. Genl. of Military Works.

Sirhind & Lahore Command.

Lahore, the 2nd June 1882.

No. 122.—Lieutenant F. B. G. D'Aguilar, R.E., Executive Engineer, transferred from the Sirhind and Lahore Command, Military Works, reported his departure from Ferozepore on the 19th May 1882.

T. C. MANDERSON, *Major, R.E.,*
Supdg. Engr., Sirhind & Lahore Command, Military Works.

AGENT, GOVERNOR GENERAL, AND CHIEF COMMISSIONER, RAJPUTANA, P. W. D.

NOTIFICATIONS.

Mount Abu, the 30th May 1882.

No. 1261 *S.*—Whereas land is required in the Ajmere District for public purpose, *viz.*, for Ajmere City extension, this declaration is made in accordance with the provision of Section 6 of Act X of 1870.

District.	Pargana.	Village.	AMOUNT REQUIRED			Purpose for which required.	REMARKS.
			FOR OCCUPATION		TOTAL.		
			Permanently.	Temporarily.			
			A. R. P.	A. R. P.	A. R. P.		
Ajmere .	Ajmere .	Ajmere .	6 1 7	...	6 1 7	For Ajmere City extension.	The plan of the land may be seen at the Office of the Assistant Commissioner, Ajmere.

The 31st May 1882.

No. 1279 *S.*—With reference to Government of India, Public Works Department, Notification No. 122, dated the 8th May 1882, Mr. W. Home, Assistant Engineer, 2nd Grade, assumed charge of the Jodhpore Branch Line of the Railway on the afternoon of the 20th April 1882. Mr. Home will rank in Class III of the Railway Revenue Establishment.

By Order,

J. P. STEEL, *Lieut.-Col., R.E.,*

Secy. to the Agent, Govr. Genl., & Chief Commr., P. W. D., Rajputana.

Statement of the Affairs of the Bank of Bengal for the week ending 6th June 1882.

LIABILITIES.		Rs.	A.	P.
Capital paid-up		2,00,00,000	0	0
Reserve Fund		30,11,886	4	4
	Rs. A. P.			
Public Deposits at Head Office .	83,33,035 1 1	2,12,33,716	14	11
Public Deposits at Branches .	1,29,00,681 13 10			
Other Deposits at Head Office and Branches		2,56,66,827	15	6
Bank Post Bills, &c.		2,77,532	2	11
Sundries		16,27,460	9	1
RUPEES .		7,18,17,423	14	9

ASSETS.		Rs.	A.	P.
Government Securities . . .		77,83,297	14	0
Other authorized Investments . .		46,14,755	0	0
Loans on Government and other authorized Securities . . .		67,13,112	10	4
Accounts of Credit on Government and other authorized Securities . .		36,49,275	10	0
Bills discounted and purchased . .		2,32,60,259	6	7
Balances with other Banks . . .		6,75,799	13	2
Bullion		10,04,074	0	7
Dead Stock		12,03,800	13	2
Stamps		8,845	6	0
Sundries		3,41,535	10	5
		4,92,54,756	4	3
	Rs. A. P.			
Cash and Currency Notes at Head Office .	94,19,318 11 1	2,25,62,667	10	6
Cash and Currency Notes at Branches .	1,31,43,353 15 5			
RUPEES .		7,18,17,423	14	9

By order of the Directors,

BANK OF BENGAL,
Calcutta, 8th June 1882.

J. GORDON,
Chief Acctt. & Depy. Secretary.

W. D. CRUICKSHANK,
Offg. Secy. & Treasurer.

COMPTROLLER GENERAL'S OFFICE.

F.

PRELIMINARY ACTUALS.

Despatched 10th May 1882.

TELEGRAPHIC STATEMENT OF RECEIPTS AND OUTGOINGS FROM TREASURIES DURING APRIL 1882.

Thousands of Rupees

	Civil Revenue.	Civil Debt and Remittance Heads.	Forest, Telegraph, and Marine.	Post Office.	Guaranteed Railways.	Military Department.	P. W. Department.	Opening Balance.	TOTAL.
Receipts.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
India General ...	13,58	4,03,99	71	3,24	4,02	49	42,53	3,79,26	8,47,8
Central Provinces	8,48	18,62	45	2,08	...	9	1,51	56,47	87,7
British Burmah ...	26,27	17,57	1,60	2,11	...	15	2,05	36,19	85,9
Assam ...	4,49	9,08	13	1,36	...	8	9	20,93	36,1
Bengal ...	1,12,92	59,83	1,74	8,02	...	8	6,64	2,41,79	4,31,0
N.-W. Provinces and Oudh ...	46,21	56,25	87	2,82	4,19	61	1,69	2,24,16	3,36,8
Punjab ...	15,82	70,63	60	3,36	9,08	1,15	5,86	99,71	2,06,2
Madras ...	78,29	1,07,80	82	3,13	9,34	51	34	2,16,50	4,16,7
Bombay ...	1,14,07	4,30,58	2,91	3,43	51,65	1,49	1,79	1,87,07	7,92,9
Remittance Adjustment ...	...	2,74	...	...	...	...	...	37	3,1
TOTAL RECEIPTS ...	4,20,13	11,77,09	9,83	29,55	78,28	4,65	62,50	14,62,45	32,44,4
Outgoings.									
India General ...	44,58	4,18,25	1,36	36	2,34	16,64	16,63	3,47,66	8,47,8
Central Provinces	6,43	16,04	39	11	...	2,87	5,73	56,13	87,7
British Burmah ...	6,51	29,64	1,56	4	...	2,80	5,70	39,69	85,9
Assam ...	2,92	12,29	20	11	...	1,26	1,17	18,21	36,1
Bengal ...	84,73	1,54,34	1,46	6,97	...	2,60	24,56	1,56,36	4,31,0
N.-W. Provinces and Oudh ...	48,24	84,40	1,18	8,42	2,78	16,53	9,92	1,65,33	3,36,8
Punjab ...	13,01	44,98	77	2,94	2,90	24,00	22,29	95,32	2,06,2
Madras ...	26,67	1,59,38	1,04	3,77	4,35	14,09	7,23	2,00,20	4,16,7
Bombay ...	25,94	4,99,52	3,25	3,36	13,98	21,48	16,21	2,09,25	7,92,9
Remittance Adjustment ...	...	...	...	...	...	...	...	3,11	3,1
TOTAL OUTGOINGS	2,59,03	14,18,84	11,21	26,08	26,35	1,02,27	1,09,44	12,91,26	32,44,4

SUMMARY OF ACCOUNTS FOR THE MONTH OF APRIL 1882.

Lakhs of Rupee

	RECEIPTS.					OUTGOINGS.				
	Accounts till	TELEGRAPHIC.		Total, months.	Budget Estimate, 1 month.	Accounts till	TELEGRAPHIC.		Total, months.	Budget Estimate 1 mont
			April.					April.		
Civil Revenue	...	...	4,20	4,20	3,98	...	...	...	...	...
Civil Expenditure	...	...	...	...	...	...	...	2,59	2,59	2,
Military Department	...	...	5	5	10	...	...	1,02	1,02	1,
Public Works Department	...	...	62	62	60	...	..	1,10	1,10	1,
Forest, Telegraph, and Marine Departments (net)	...	...	...	...	...	...	...	1	1	
Post Office Department (net) ...	...	...	4	4	...	...	...	...	...	
Guaranteed Railways (net) ...	...	...	52	52	38	...	...	...	...	...
Imperial Loan...	...	...	...	...	...	...	...	1	1	
Council Bills, including Exchange ...	...	...	..	...	...	...	...	2,11	2,11	1,
Civil Debt and Remittance (net) ...	...		—30	—30	6	...	...	...	...	...
Total ...	...	...	5,13	5,13	5,12	...	...	6,84	6,84	6,
Balance, April 1st	...	...	14,62	14,62	...	...	...	...	...	...
Balance, end of month ...	...	...	...	...	...	...	...	12,91	12,91	...
GRAND TOTAL ...	...	...	19,75	19,75	...	...	...	19,75	19,75	...

E. T. ATKINSON,
Offg. Comptroller General.

9th May 1882.

STATEMENT of Government Promissory Notes enfaced for payment of Interest in London, under deduction of amount re-transferred to India, and outstanding in the Books of the Bank of Bengal on the 31st May 1882.

PARTICULARS.	3½ per cent. Transfer Loan of 1853-54.	4 per cent. Loans										4½ per cent. Loans				Transfer Loan of 1879, seven shillings per cent. Portion.	5 per cent. Debenture Loan of 1867-68.	5 per cent. Loan of 1856-57.	GRAND TOTAL.
		Of 1824-25.	Of 1828-29.	Of 1832-33.	Of 1835-36.	Of 1842-43.	Of 1854-55.	Transfer of 1865.	Reduced 4 per cent. Loan of 1879.	Reduced 4 per cent. Loan of 1881.	Total.	Of 1870.	Of 1878.	Transfer Loan of 1879, 4½ per cent. Portion.	Total.				
Balance of 15th May 1882 . . .	54,100	13,333	1,066	13,49,973	31,58,500	2,31,91,300	1,05,06,200	2,84,68,737	2,91,71,500	32,500	9,58,93,109	47,64,800	99,58,800	9,88,49,100	11,35,72,700	1,11,500	32,98,000	60,200	21,29,99,609
Stock transferred to London . . .	..	...	...	...	...	...	...	90,000	...	...	90,000	...	...	10,000	10,000	...	...	..	1,00,000
Add—																			
Amount enfaced at Madras between 16th and 31st May 1882 . . .	...	...	...	...	..	...	6,000	...	...	...	6,000	20,000	...	5,000	25,000	...	...	...	31,000
Amount enfaced at Bombay between 16th and 31st May 1882 . . .	...	...	...	...	...	8,000	..	2,500	1,000	...	11,500	...	...	5,000	5,000	...	...	...	16,500
Amount enfaced at Calcutta between 16th and 31st May 1882 . . .	...	...	..	...	600	1,01,000	11,000	1,55,000	13,800	...	2,81,400	...	3,50,300	3,39,600	6,89,900	...	...	...	9,71,300
	54,100	13,333	1,066	13,49,973	31,59,100	2,33,00,300	1,05,23,200	2,87,16,237	2,91,86,300	32,500	9,62,82,009	47,84,800	1,03,09,100	9,92,08,700	11,43,02,600	1,11,500	32,98,000	60,200	21,41,08,409
Deduct—																			
Amount written off in the London Registers	...		1,066	21,440	1,600	91,000	27,300	3,80,000	22,100	26,500	5,71,006	3,900	5,000	3,15,000	3,23,900	...	1,53,000	...	10,47,906
Balance on 31st May 1882 . . .	54,100	13,333	..	13,28,533	31,57,500	2,32,09,300	1,04,95,900	2,83,36,237	2,91,64,200	6,000	9,57,11,003	47,80,900	1,03,04,100	9,88,93,700	11,39,78,700	1,11,500	31,45,000	60,200	21,30,60,503

NOTE.—From 9th June 1867 to 31st Mar. 1882, enfaced from India 4,549 lakhs; re-transferred from London, 3,754 lakhs.

„ 1st April 1882	to 15th April	„	„	„	7	„	„	„	16 „
„ 16th „	„ to 30th	„	„	„	10	„	„	„	14 „
„ 1st May	„ to 15th May	„	„	„	11	„	„	„	15 „
„ 16th „	„ to 31st	„	„	„	11	„	„	„	10 „
					4,588 lakhs.				3,809 lakhs.
					3,809 „				
Balance against India					779 lakhs.				

PUBLIC DEBT OFFICE,
BANK OF BENGAL;
Calcutta, the 2nd June 1882.

W. D. CRUICKSHANK,
Offg. Secretary and Treasurer.

2 b

Report of a Deserter or Absentee without leave from the Royal Regiment of Artillery, dated at Colaba, this 31st day of May 1882.

Number, Rank, and Name,—No. 3405, Gunner Thomas Ryan.
Age,—28 years.
Size,—5 feet 9¼ inches.
Colour of—
Complexion, fresh; Hair, dark brown; Eyes, grey.
Date of Desertion or Absence,—28th May 1882.
Place of Desertion or Absence,—Colaba, Bombay.
Date of Enlistment,—12th May 1876.

At what Place Enlisted,—Liverpool.
Parish and County in which Born,—Tipperary, Tipperary, Tipperary.
Marks,—None.
Trade,—Laborer.
Coat or Jacket,— } Regimentals.
Waistcoat,— ... } Regimentals.
Breeches or Trowsers,— ... } Regimentals.
REMARKS,—
Under 7 years' service.

——————, *Capt., R.A.,*
Comdg. 8-1st B. C. P. D., late 7-10th.

Report of a Deserter from the 2nd Battalion, Royal Warwickshire Regiment of Foot, dated at Fort William, Calcutta, this 5th day of June 1882.

Number, Rank, and Name,—No. 1212, Private George Smith.
Age,—25 years 3 months.
Size,—5 feet 6¼ inches.
Colour of—
Complexion, fresh; Hair, brown; Eyes, blue.
Date of Desertion,—31st May 1882.
Place of Desertion,—Fort William, Calcutta.
Date of Enlistment,—15th January 1878.

At what Place Enlisted,—Birmingham.
Parish and County in which Born,—Birmingham, Warwickshire.
Marks,—*Nil.*
Trade,—Moulder.
Coat or Jacket,— } Regimental white clothing.
Waistcoat,— ... } Regimental white clothing.
Breeches or Trowsers,— ... } Regimental white clothing.
REMARKS,—Walks slovenly.
Under 5 years' service.

L. B. HOLE, *Lieut.-Col.,*
Comdg. 2nd Battn., Rl. Warwickshire Regt.

Weekly Statement of Silver tendered, of Certificates issued, and Silver Balance in the Mint.

DATE.	SILVER TENDERED, ESTIMATED VALUE.	CERTIFICATES ISSUED OF		BALANCE OF BULLION		
		General Treasury.	Currency Department.	Under Assay.	Assayed.	Held on account of the Currency Department.
1882.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
May 29	...	28,682	...	7	92,84,728	38,65,104
„ 30	...	27,571	...	7	92,87,071	38,39,237
„ 31	...	29,852	...	7	92,56,219	38,11,286
June 1	...	29,404	...	7	91,58,737	37,88,727
„ 2	...	22,172	...	7	91,60,635	37,62,932
„ 3	...	15,932	...	7	91,61,291	37,47,954

CALCUTTA MINT,
The 5th June 1882.

J. F. TENNANT, *Col., R.E.,*
Mint Master.

CURRENCY NOTES.

The following Currency Notes of the Government of India are stated to have been lost, and payment of their value has been claimed by the persons whose names are placed against the numbers. Any other person having these Notes in his possession, or claiming a right to them, is warned to communicate at once with the undersigned :—

Bombay Circle.

NOTES WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Notes.	Value.	Name of Claimant.
1882.		Rs.	
W19 ...	M66—07958 ...	100	Lieutenant-Colonel Fred. A. Smith, R.E., Satara.
„	—81156 ...	100	
„	—35200 ...	100	

BOMBAY,
The 30th May 1882.

W. T. PIERCY,
Assistant Accountant General, P.C.,
for *Commissioner.*

Lahore Circle.

NOTES WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Notes.	Value.	Name of Claimant.
		Rs.	
4 ...	O 71—62122 ...	500	Ram Gopal and Shadee Ram, Umballa.
5 ...	E 19—01995 ...	50	Gurdit Sing, Naib Tahseeldar, Nawan Shaher, District of Jullunder.

LAHORE,
The 3rd June 1882.

W. H. EGERTON,
for *Depy. Commr. of Paper Currency.*

Madras Circle.

NOTES WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Notes.	Value.	Name of Claimant.
		Rs.	
6 ...	B 62—25475 ...	100	H. W. Raikes, Esq., Moodgherry.
7 ...	B 68—66915 ...	100	W. Morgan, Esq., Manantoddy.

FORT SAINT GEORGE,
The 29th May 1882.

H. S. GROVES,
Assistant Accountant General,
in charge of Paper Currency Dept.,
for *Commissioner.*

POST OFFICE.

NOTIFICATIONS.

Simla, the 15th May 1882.

After the 1st July 1882, parcels addressed to China will be forwarded *viâ* Bombay by Peninsular and Oriental Steam Navigation Company's Steamer exclusively.

2. Consequently the *outer* cover (*vide* Clause 200 of the Postal Guide, dated January 1882) of parcels for China posted after the 1st July next should be superscribed as shown below :—

FOREIGN PARCEL POST.

To
THE POSTMASTER,
BOMBAY.

and not as at present prescribed in the Postal Guide.

3. The general rules and the rates relating to parcels intended for China will remain unaltered for the present.

The 30th May 1882.

Exchange of Money Orders with the United States of America.

On and after the 1st July 1882, money orders will be exchanged in both directions with the United States of America.

2. The following rates of commission, which now apply to money orders drawn upon the United Kingdom and Canada, will apply from the date mentioned above, to money orders drawn upon the United States of America :—

	Rs.	A.	P
On sums not exceeding £2	0	8	0
On sums exceeding £2 and not exceeding £ 5 ...	1	0	0
„ £5 „ £ 7 ...	1	8	0
„ £7 „ £10 ...	2	0	0

3. The maximum limit for single orders drawn upon the United States of America is £10. No person may obtain in one day more than four money orders payable to the same person.

4. In these and in other respects money orders drawn upon the United States of America will be treated exactly like money orders drawn upon the United Kingdom or Canada. (*Vide* Clauses 243 to 258 of the Postal Guide, dated January 1882.)

L. G. WAIT,

Asst. Dir. Genl. of the Post Office of India, Foreign Post Branch.

List of Unclaimed Letters lying in the Calcutta Post Office on the 4th June 1882.

Anthoney, Mrs.	Godfrey, S.	O'Brin, Captain G.
Barrs, Mr. S.	Harrison, W.	Palmer, T.
Belnra, C. V.	Hart, Daniel.	Rendell, Mr. O.
Chisholm, W.	Hayter, Colonel.	Roberts, W.
Cornelius, C. E.	Hawely, H.	Robertson, A. D.
Creet, A. H.	James, Mrs E.	Sivertsin, Matin.
David, T.	Kingsley, Mrs.	Steel, Mrs.
D'Silva, Mrs. E.	Lindsay, James.	Syndale, S. C.
Evan, E.	Lyell, Mr. J.	Thomes, S.
Fitzgerald, —.	Madgo, J. L.	Watts, J.
Fotheringham, J.	Manley, H. H.	Wheelan, William.
Fronchen, W A.	McRae, Dr.	White, Mrs.
Galiway, C. H.	Meir, M	Williams, P. F.
Geary, Miss A.	Meyer, B.	Zwet, A.

Letters marked "Care of Post Office, to be kept till called for."

Alston, L.	Hankivez, C.	Orinstein, Signiori Scapria.
Antonio, D.	Hansen, H. W F.	Pereira, E. S. B.
Atkenson, Stephen.	Harry, Thomas.	Rex, Miss.
Bad, Mrs.	Hartley, S. R.	Rhodes, D.
Bailey, J. R.	Hearne, T.	Robinson, William.
Bercavetz, Abraham.	Howard, W.	Rock, Mr.
Bockman, C.	Jacky, Monsieur R.	S B. & Co.
Bose, K. B.	Jones, Thos.	Sevastopulo, N. E.
Braham, Mrs. A.	Jox, Henry.	Slater, A. H.
C. B A.	Kanai Lall Seal.	Span, J. M.
C B. & Co.	Kegel, F. G M	Stobie, Lt. J. C.
Cahill, James.	Kendall, Miss L.	Strachan, E.
Cohen, E.	Kendall, Miss Sophia.	Strongs, W. S.
Collins, Mrs. G. A.	Kennedy, R. H.	Stromayer, T.
Cooper, Frank	Kennet, C. A.	Stuart, William.
Creswell, G. W.	Lambert, Dr. E.	Thornhill, H B.
Dexter, J. B.	Maitland, T.	Thomas, W. H
Dodds, F. L.	Malabari, B. M.	Traiche, Miss E.
Driscoll, D. O.	Mason, —.	Urage, Mrs. J.
Dun, E. W.	Massy, J.	Vincent, J
G L.	McIntyre.	Warnier, M.
Garanger, George.	Moreton, T. G.	Watts, G.
Gardener, Captain J. T.	Mercer, C. G.	Webb, Mrs.
Gregory, Mrs. C.	Morrison, D. J.	Wright, Mrs H.
Gunther, J.	Munro, W.	

Registered Letters.

Cahill, G.	Howard, E.	Ruble, W. G.
Cumberland, A. H.	Liebman, M.	Swan, Mrs.
"E. D."	McEwan, R.	White, J.

Calcutta, the 9th June 1882.

Foreign Mails for	Date.	Per Steamer
	1882.	
Persian Gulf	16th June	From Bombay.
Madras, Ceylon and the Intermediate Ports	15th "	Str. *Malda.*
Madras and Ceylon	16th "	P. & O. Str. *Nepaul.*
Galle, Penang, Singapore, Hong-Kong, Shanghai, Yokohama and Australian Colonies	13th "	From Bombay.
Foreign Mails *viâ* Bombay	17th "	From Bombay.*
Do. Book Post and Pattern Packets .	16th "	From Bombay.
Rangoon, Moulmein, and Straits . . .	14th "	Str. *Africa.*†
Foreign Mails *viâ* Bombay	10th "	From Bombay.‡
Chittagong, Akyab, Kyouk Phyoo, and Rangoon	15th "	Str. *Commilla*

* Also for Cape Town and Natal *viâ* England; also *viâ* Aden for Zanzibar, Mozambique, Quillimane, Inhambane and Delagoa Bay can be forwarded.

† Mail for Port Blair can be forwarded by this opportunity.

‡ Also for Cape Town and Natal *viâ* England can be forwarded.

N.B.—The letter-box will close at 7 P. M. precisely; after which hour foreign letters, fully prepaid and bearing an extra postage stamp of four (4) annas on each cover, will be received up to 7-30 P. M.

E. HUTTON,

Presidency Post Master.

NOTICE.

Waste Lands available for Planters in the Tavoy District.

Waste lands, covered at present with forest, bamboos or grass, are available for plantations of coffee, tea, cinchona, or spices at altitudes varying from 100 feet to 6,800 feet above the sea in the Tavoy district. This region is between the 13th and 14th parallels of north latitude, and the rainfall ranges from 190 to 220 inches a year. The lands are mostly within 30 to 50 miles of the steamer station of Thayetchoung on the Tavoy river. Mail steamers ply between Thayetchoung and Moulmein or Rangoon once a week inwards and outwards.

II.—Grants of land in lots ranging from 100 to 1,200 acres can be had for planting tea, coffee, cinchona, or spices on application to the Deputy Commissioner of Tavoy. Such grants will be made in accordance with the "Burma Land and Revenue Act, 1876," and with the rules sanctioned thereunder by the Governor General of India in Council. Copies of the Act and rules can be obtained by intending planters on application to the Deputy Commissioner of Tavoy, the Commissioner of Tenasserim at Moulmein, or the Secretariat, Rangoon.

III.—In addition to the concessions and conditions laid down in the Act and rules, the following special concessions will be made to persons taking up land for plantations of coffee, tea, cinchona, or spices in Tavoy, namely,—

(1) A grantee must bring under cultivation one-third of his grant within 12 years from the date of his obtaining the grant. If, after the expiration of 12 years, any surplus uncultivated land, in excess of two acres of waste for each acre of cultivated land, shall remain on the grant, such surplus waste shall then revert to Government; and the grantee shall have no further claim or right in the surplus which has so reverted.

(2) A grantee will not be liable to pay any land revenue or any price for the land of his grant until the end of the tenth year after he enters on possession, provided that he takes *bonâ fide* steps to cultivate a reasonable proportion of the grant with coffee, tea, cinchona, or spices. In the event of any grantee desiring a more precise definition of a "reasonable proportion," the Chief Commissioner may decide beforehand in each case what proportion of the grant ought to be thus cultivated in each year.

(3) After the end of the tenth year the grantee will be liable to pay land revenue at the rate of Rs. 1-4-0 per acre and cesses at the rate of two annas per acre on one-third of his grant up to the year 1900 A. D.; after the expiration of such year he will be liable to pay for one-third of his grant the same revenue rate as is paid for garden lands in the nearest revenue circle where a garden rate obtains.

(4) A grantee will not be called upon to pay anything for timber, bamboos, or grass which he may cut upon his grant, provided he takes *bonâ fide* steps as aforesaid to cultivate coffee, tea, cinchona, or spices.

IV.—The only payment which a grantee will have to make on receiving his grant will be eight annas an acre for the cost of survey and demarcation. In consideration of such payment the Deputy Commissioner will cause a survey to be made of the grant, will furnish the grantee with a copy of such survey, and will cause boundary marks to be erected at suitable points in the outer boundary of the grant.

V.—The wishes of applicants will be met as far as possible in regard to the situation and shape of their grants. But ordinarily—

(*a*) no grant will be given where the Forest Department intend to make a forest reserve;

(*b*) no grant will be given on such a place as will unduly circumscribe the extension of cultivation of the grazing grounds of any neighbouring village or hamlet;

(*c*) grants facing a road or navigable stream will have to be of a depth double the length facing such road or navigable stream;

(*d*) small strips will be reserved leading to landing places for the benefit of neighbouring villages and grantees.

VI.—The Government is now spending much larger sums than heretofore on roads in the Tavoy district. If planters settle in the district, further funds will be allotted for roads from their neighbourhood to the steamer station at either Tavoy or Thayetchoung.

VII.—In order to encourage pioneers in the coffee and cinchona enterprise in Tavoy, the Government will pay to the first four grantees who begin *bonâ fide* planting operations Rs. 15 per head for every Indian or Chinese coolie, male or female, over 16 years of age, who may be settled and housed on their plantations before the 1st March 1885.

VIII.—In any case of doubt regarding the *bonâ fide* character of operations for the purposes of concessions III and VII, the Deputy Commissioner will decide, and his decision will be subject to appeal to the Commissioner of Tenasserim, whose decision will be final.

IX.—All minerals and metals under and within the lands granted under these rules are reserved by Government, together with a right to enter upon and resume such portion of land as may be necessary for examining or working mines upon payment of just compensation to the grantee for loss of, or injury done to, the surface.

G. D. BURGESS,
Secy. to the Chief Commr., British Burma.

The 6th April 1882.

DUM-DUM CEMETERY.

List of dilapidated Tombs in the oldest Dum-Dum Cemetery requiring repair or else removal.

Serjeant Thomas Cook, Artillery,—*obiit* 5th March 1800, *æt.* 50 years.

Anna Louisa Horsford, wife of Lieutenant R. Horsford, Artillery,—*obiit* 16th July 1831, *æt.* 21 years.

Elizabeth Louisa Tennant, daughter of Major Tennant,—*obiit* 26th September 1832, *æt.* 10 months.

Cenotaph erected by Brother Officers.—Lieutenant-Colonel George Mason, C.B., Commanding Artillery,—died at Sandheads, 7th August 1821.

J. F. Todd, M.D., H.E.T.C.S.,—*obiit* September 1821, *æt.* 22 years.

Adelaide, wife of Captain Scott, Artillery,—*obiit* 8th October 1821, *æt.* 22 years.

Bombardier J. J. Burrell,—*obiit* 11th August 1841, *æt.* 34 years.

Elizabeth, daughter of Major Pollock,—*obiit* 24th November 1824.

Georgiana Jane, daughter of Captain Pollock,—*obiit* 23rd February 1818, *æt.* 15 months.

Captain William Shipton,—*obiit* 28th December 1804, *æt.* 39 years.

Christopher Maurice Dunn,—*obiit* 10th October 1840, *æt.* 14 years.

Mary Ann Owen,—*obiit* 4th April 1843, *æt.* 2 years.

Ann Wadell, child of Captain H. P. Hughes, Artillery,—*obiit* 9th May 1839, *æt.* 1 year.

James Doddington Sherwood Russell, sixth son of Henny Patrick Russell,—*obiit* 4th January 1833, *æt.* 2 years.

Alicia Jeannette, daughter of late Captain Turner, 58th Regiment,—*obiit* 9th March 1833, *æt.* 5 years.

Louisa Clementina, infant daughter of Captain Vanrenen, Artillery,—*obiit* 24th September 1832, *æt.* 3 months.

Jane Frances, infant daughter of Captain Vanrenen, Artillery,—*obiit* 10th August 1828, *æt.* 1 year 6 months.

Helen Henrietta, third daughter of Bazaar Serjeant Chaunce,—*obiit* 29th January 1835, *æt.* 9 years.

Mary Alicia, daughter of Captain Frederick Roberts, Bengal Horse Artillery,—*obiit* 1835.

The abovementioned masonry graves have fallen into disrepair.

This list will be published three times in the Gazette according to Government orders.

If the relatives of the deceased (names published) do not come forward within a reasonable time, the tombs will be levelled with the ground and the slabs on which the names are graven will be let into the nearest wall.

A. W. R. QUINLAN,
Chaplain, Dum-Dum.

DUM-DUM,
The 30th May 1882.

GOVERNMENT CINCHONA FEBRIFUGE.

This preparation is an efficient substitute for Quinine and can be purchased by Government officers for public and charitable purposes, and by any one taking *twenty pounds* at a time, from the Superintendent, Botanical Garden, Calcutta, *for cash only*, at the following rates:—per four ounce tin, *Rs. 4-8;* per eight ounce tin, *Rs. 8-8;* per pound tin, *Rs. 16-8.* The general public can be supplied by the Superintendent, Botanical Garden, *for cash only*, at the under-noted rates:—per four ounce tin *Rs. 5-8;* per eight ounce tin *Rs. 10-8;* per pound tin, *Rs. 20.* This medicine is also sold by the principal European and Native druggists in Calcutta. Postage 8 annas per four and eight ounce tins, and 12 annas per pound tin, in addition to the foregoing rates.

گورنمنٹ سنکونا فبري فيوج

يهه دوا كوئينائين كا خوب قائم مقام هى اور كلكته ے بوٹانكل گارڈن يعنے كمپني باغ ے سپرنٹنڈنٹ صاحب سے هرايك ملازم سركاري واسطے سركاري كام اور خيرات ے اور سيواے اونكے جو كوئي ايك مشت بيس پونڈ خريد ليے سے نقيمت نقد حسب نرخ ذيل خريد كرسكتے هين يعنے نرخ چار اونس ے ٹين كا چار روپيه آٹهه آنه ; آٹهه اونس ے ٹين كا آٹهه روپيه آٹهه آنه ; ايك پونڈ ے ٹين كا سوله روپيه آٹهه آنه

اور عوام الناس بوٹانكل گارڈن يعنے كمپني باغ ے سپرنٹنڈنٹ صاحب سے نقيمت نقد حسب نرخ ذيل خريد كرسكتے هين يعنے نرخ چار اونس ٹين كا پانچ روپيه آٹهه آنه ; آٹهه اونس ے ٹين كا دس روپيه آٹهه آنه ; ايك پونڈ ے ٹين كا بيس روپيه

يهه دوا كلكته ے بڑے بڑے وڈيني اور ديسي دواخانوںمين بكتي هى ماسيواے قيمت مذكورۂ بالا ے محصول ڈاك چار اور آٹهه اونس ے ٹين كا آٹهه آنه ; اور ايك پونڈ ے ٹين كا بارہ آنه

Meteorological Publications for Sale.

The following publications of the Meteorological Office of the Government of India are on sale and can be procured at the Meteorological Office, No. 4, Middleton Row, or either at Messrs. Thacker, Spink & Co., or at Messrs. Brown & Co., at the prices noted against them :—

	Rs.	A.	P.
Report on the Meteorology of India, in 1875, 4to., 89 pages text, 297 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India, in 1876, 4to., 97 pages text, 340 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India in 1877, 4to., 173 pages text, 375 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India, in 1878, 4to., 149 pages text, 380 pages tables, 3 plates, 4 charts ...	8	0	0
Indian Meteorological Memoirs, Vol. I, Part I, 4to., 118 pages, 9 plates	2	8	0
Indian Meteorological Memoirs, Vol. I, Part II, 4to., 63 pages, 4 plates	1	8	0
Indian Meteorological Memoirs, Vol. I, Part III, 4to., 86 pages, 2 plates	1	8	0
Indian Meteorological Memoirs, Vol. I, Part IV, 4to., 62 pages, 8 plates	1	8	0
Rainfall Chart of India, showing the average annual distribution of rainfall (in colors)	1	0	0
Report on the Vizagapatam and Backergunge Cyclones, October 1876, 4to., 87 pages, 4 plates ...	2	0	0
Report on the Madras Cyclone, May 1877, 4to., 117 pages text, 97 pages tables, 5 plates ...	2	8	0

HENRY F. BLANFORD,
Meteorological Reporter to Government of India.

THE INDIAN LAW REPORTS.

PUBLISHED UNDER AUTHORITY.

The "Indian Law Reports," published under the authority of the Governor General in Council, will appear in monthly parts, published as soon as possible after the first of each month at Calcutta, Madras, Bombay, and Allahabad, and will comprise four series,—one for the Calcutta High Court, a second for the Madras High Court, a third for the Bombay High Court, and a fourth for the Allahabad High Court. The cases heard by the Privy Council on appeal from each High Court will be reported in the Series for that High Court. Cases heard by the Privy Council on appeal from Provinces in India not subject to any High Court will be reported in the Calcutta Series. The Parts of each Series can be had separately, or all four Parts can be had stitched into one wrapper at the option of subscribers and purchasers. It will be observed from the following statement of the terms of subscription and sale, that a considerable reduction is allowed to persons taking the complete set :

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" BOMBAY SERIES ...	" 8	" 9
" ALLAHABAD SERIES	" 8	" 9
Complete set... ...	" 45	" 47-8

The price of each Part purchased separately will vary according to the amount of matter it contains, and will be printed on the wrapper. It will, however, never be below the following :—

For a Part of the CALCUTTA SERIES ...	Rs.	3	8
" " MADRAS SERIES ...	"	1	0
" " BOMBAY SERIES ...	"	1	0
" " ALLAHABAD SERIES.	"	1	0
Complete set	"	4	0

Persons desiring to subscribe for or purchase the Reports, should apply to—

MESSRS. THACKER, SPINK AND CO., CALCUTTA ;
MESSRS. THACKER AND CO., BOMBAY ;
MESSRS. HIGGINBOTHAM AND CO., MADRAS ;
THE GOVERNMENT CENTRAL BOOK DEPOT, BOMBAY ;
THE GOVERNMENT BOOK DEPOT, ALLAHABAD.

Orders and Subscriptions for 1878 should be at once remitted.

THE BENGAL LAW REPORTS.

A few sets of the Bengal Law Reports (Volumes 1 to 15) are available at Messrs. Thacker, Spink & Co., Calcutta, at Rs. 375 a set.

Charts, &c., issued at the Marine Survey Department, Calcutta, by order of the Government of India, and sold at the Office of the Marine Survey Department, 4-4 Loudon's Buildings, Hastings Street, Calcutta, where Admiralty Charts can also be obtained.

☞ All Charts are corrected up to the date of issue.

Indian Ocean—

Indian Ocean—Curves of equal magnetic variation. *Annas 8.*
Indian Ocean, Suez to Penang, including Zanzibar and Madagascar (Engraved). Physical and track chart. *Re. 1.*
Arabian Sea, Western portion, with plans of Babel Mandeb Strait and Zanzibar Harbour. *Rs. 2.*
Arabian Sea, Eastern portion, with plans of Kurrachee, Bombay, Colombo, Galle and Madras. *Rs. 2.*

India, West Coast—

Kurrachee to Vingorla. *Re. 1-12.*
Vingorla to Cape Comorin. *Re. 1-12.*
Port of Sálaya or Seraia. *Re. 1.*
Cutch Mándvi. *Re. 1.*
Veráwal Roads. *Re. 1.*
Sketch of the Entrance to Rajpuri River. *Annas 8.*
Ratnagiri, including Mirya and Kalbadavie Bays. *Re. 1.*
Kundari Island to Chaul. *Re. 1.*
Chaul and Entrance to Kundalika River. *Re. 1.*
Rajapur Bay and Viziadurg with adjacent Coast. *Re. 1.*
Jaygad and Entrance to Shasitri River. *Re. 1.*
Dabhol and Entrance to Washishti River. *Re. 1.*
Bankot and Entrance to Savitri River. *Re. 1.*
Goa and Marmagao Roadsteads. *Annas 12.*
Sadashivgad Bay, including the port of Karwar and Beitkul Cove. *Re. 1.*
Narakel Anchorage. *Annas 8.*
Quilon Roads. *Annas 8.*
Lakadive Group—Cherbaniani Reef, Chitlac and Kiltan Islands. *Annas 12.*
Byramgore Reef or Cherenpani, and Angria Bank. *Annas 8.*
Kolachel Roadstead, with plan of Enciam Rocks. *Re. 1-8.*

India, East Coast—Bay of Bengal, Ceylon, &c.—

Cape Comorin to Coconada, including the Island of Ceylon. *Re. 1-12.*
Tuticorin Roadstead and Harbour. *Re. 1.*
Approaches to Jafunapatam. *Re. 1.*
Paumben Pass. *Re. 1.*
Approaches to Paumben Pass. *Re. 1.*
Mullaittivu or Moeletivoe. *Annas 8.*
Batticaloa Roadstead. *Annas 8.*
Colombo Harbour and its Approaches. *Re. 1.*
Approaches to Point de Galle Harbour, Ceylon. *Re. 1.*
Bay of Bengal, Western Sheet. *Rs. 2.*
Bay of Bengal, Eastern Sheet. *Rs. 2.*
Coromandel Coast. Sheet No. 2, from Latitude 15° to 16° 30 N. *Re. 1.*
Sheet No. 3, from Latitude 13° to 15° N. *Re. 1.*
Sheet No. 4. *Re. 1.*
Madras Roadstead. *Re. 1.*
Orissa Coast, Narsapoor Point to Palmyras Point, adapted to the latest determinations of the G. T. S. and observations by Commander A. D. Taylor, R.N. *Re. 1.*
Coconada to Bassein River. *Re. 1-12*
Coringa or Coconada Bay, showing the Northern Godavery Mouths. *Re. 1-8.*
False Point Harbour and Approaches. *Re. 1.*
Hooghly River.—Luff Point to Anchoring Creek, showing the James and Mary Shoals and Entrance to the Roopnarain River. *Re. 1-8.*
False Point to Mutlah River, showing the Approaches to Sandheads. *Re. 1*
Mutlah River to the Chittagong Coast. *Re. 1.*
Chittagong or Kornafuli River. *Re. 1.*

Coast of Burma, &c.—

Bassein River to Pulo Penang, including the Andaman and Nicobar Islands. *Re. 1-12.*
Coronge Island to White Point, including the Gulf of Martaban. *Re. 1.*
Preparis North Channel and Entrance to Bassein River. *Re. 1.*
Rangoon River Approaches. *Re. 1.*
Port of Rangoon in eight sheets. *Re. 5.*
Entrance to Salween (Maulmain) River. *Re. 1.*
Port of Maulmain. *Re. 1.*
Coast of Tenasserim—Tavoy River, from a sketch by Lieutenant R. Moresby, with Corrections and Additions. *Re. 1.*
Stewart's Sound. *Re. 1.*
Port Mount, Andamans. *Re. 1.*

Siam—Malay Peninsula, West Coast—

Hayes Island to the Pilgrims. *Re. 1.*
Kopah Inlet. *Re. 1.*
Salang Island (Junkseylon). *Re 1.*
Junkseylon, East Coast.—Puket or Tonkah Harbour. *Re. 1.*

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The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, JUNE 10, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART III.

Advertisements and Notices by Private Individuals and Corporations.

NOTIFICATION.

With the consent of the Government of India, the Government of His Highness the Maharaja of Mysore is prepared to receive tenders for a Debenture Loan of (Rs. 20,00,000) twenty lakhs of Rupees on the security of the general revenues of the Mysore Province. The amount of the Loan is to be expended entirely on the construction of an important line of railway from Bangalore to Tiptoor, a distance of about 85 miles.

2. Debentures will be issued for the said amount bearing interest at the rate of five per cent. per annum, payable half-yearly on the 15th February and 15th August of each year and having a currency of twenty years. The interest will be payable at any of the Government Treasuries of the Mysore Province or at the Banks of Bengal, Madras or Bombay and their branches.

3. The form of Debenture Bonds will be that given below. Each Debenture will be issued for the sum of Rs. (500) five hundred, or some multiple of Rs. 500.

4. Tenders for the whole or any part of the above-named sum of Rs. (20,00,000) twenty lakhs will be received by the Comptroller to the Mysore Government at Bangalore up to noon on the 1st July 1882.

5. Each tender should be in the form hereto annexed, and enclosed in a sealed cover superscribed "Tender for the Mysore Railway Loan of 1882," and sent to the Comptroller to the Government of Mysore at Bangalore.

6. The tenders will be opened at the Dewan's Office at Bangalore in the presence of the Dewan and other members of the Mysore Government on the 1st July 1882 at noon, a minimum rate having first been fixed by the Dewan.

7. Each tender must be accompanied by the deposit of a sum equal to 2 per cent. of the amount tendered. Such deposit may be made by paying the amount to the credit of the Dewan of Mysore at the Banks of Bengal, Madras and Bombay, or at any of their branches, or at any of the Treasuries of the Mysore Government, and forwarding with the tender the receipt of such Bank or Treasury or by a Money Order payable to the Dewan of Mysore, or by Government of India Promissory Notes duly endorsed in favor of the Dewan of Mysore.

8. If the tender be accepted either in whole or in part, the deposit made will be taken in part payment, and the tenderer must arrange for the payment of the remainder of the amount of the loan allotted to him on or before the 15th August 1882 into any of the Treasuries of the Mysore Government, or into the Banks of Bengal, Madras or Bombay or any of their branches to the credit of the Dewan of Mysore, failing which the deposit made will be forfeited.

9. Debentures will be issued as soon as possible after receipt of the amount of allotment.

10. The deposit on tenders which may not be accepted will be returned on application.

11. In the case of two or more tenders at the same rate (not being below the minimum), a *pro rata* allotment will, if necessary, be made.

12. The rate stated in a tender must not contain any fraction of an anna; if a rate containing a fraction of an anna is inserted in any tender, such fraction will be struck out, and the tender treated as if the rate did not contain such fraction of an anna.

13. In order to avoid mistakes, a separate tender must be made at each rate tendered, and a separate deposit must accompany each tender.

14. The annual revenues of the Mysore Province amount at present to Rs. 1,06,00,000 (one hundred and six lakhs of Rupees), and are expected to yield an annual surplus of five lakhs after defraying all charges and providing for repayments on account of the Famine Loan due to the Government of India.

15. Arrangements will be made for securing negotiability to the Debentures in British India free of Stamp Duty.

C. RANGACHARLU,
Dewan.

OFFICE OF THE DEWAN OF MYSORE,
BANGALORE,
The 1st May 1882.

Form of Tender.

I hereby tender for Rupees of the Loan advertized in the Notification of the Dewan of Mysore, dated 1st May 1882, and agree to pay the same subject to the conditions notified, at the rate of Rupees for every Rs. 100 allotted to me.

I enclose on account of the required deposit of 2 per cent. on the amount tendered (*here enter particulars of deposit*), and engage, if my offer is accepted, to pay the remainder of the amount of the Loan allotted to me on or before the 15th August 1882, in the manner prescribed in the Notification. Any allotment made to me may be communicated to the following address.

Signature.
Full address.

Form of Debenture.

MYSORE RAILWAY FIVE PER CENT. LOAN, 1882.

Bangalore, *1882.*

No.

The Government of His Highness the Maharaja of Mysore, in consideration of the sum of Rupees received from
promise to pay to the said
or order the sum of Rupees
twenty years after the date hereof, together with interest at the rate of five per centum per annum, payable half-yearly on 15th February and 15th August.

NOTICE.

We have authorized from this date Mr. Alfred Ritz to sign our firm, and Mr. Martin Gutteling to sign our firm per procuration.

REINHOLD & Co.

CALCUTTA,
The 1st June 1882.

PROMISSORY NOTES.

Lost or Stolen

The Government Promissory Note, No. 065878, of the 4½ per cent. of 1872, reduced to 4 per cent. Loan of 1879, for Rs. 500, originally standing in the name of the Bank of Bengal, and last endorsed to Helen Teresa Schumacher, the proprietress, by whom it was never endorsed to any other person. Payment of the above Note and the interest thereupon have been stopped at the Public Debt Office, Bank of Bengal, and application is about to be made for the issue of duplicate in favour of the proprietress.

H. T. SCHUMACHER,
18, Lindsay Street, Calcutta.

Lost or Destroyed

The Government Promissory Note, No. $\frac{142015}{056609}$, of the 4 per cent. of 1865, for Rs. 600, originally standing in the name of Dinshaw Sapoorjee, and last endorsed to Surundass Rajabhoy, the proprietor, by whom it was never endorsed to any other person. Payment of the above Note and the interest thereupon have been stopped at the Public Debt Office, Bank of Bengal, and application is about to be made for the issue of duplicate in favour of the proprietor.

KADERBHOY & Co.,
9, Massy Street, Rawalpindi.

The Gazette of India.

PUBLISHED BY AUTHORITY.

SIMLA, SATURDAY, JUNE 10, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART IV.

Acts of the Governor General's Council assented to by the Governor General.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

[First publication.]

The following Act of the Governor General of India in Council received the assent of His Excellency the Governor General on the 7th June, 1882, and is hereby promulgated for general information :—

ACT No. XVII OF 1882.

An Act to amend the Indian Ports Act, 1875.

WHEREAS it is enacted by the Indian Ports Act, 1875, section thirty-eight, that no vessel of the burden of two hundred tons or upwards shall be moved in any port to which that section has been specially extended without having a Pilot, Harbour-master or Assistant of the Master Attendant or Harbour-master on board; and that no vessel of any burden less than two hundred tons and exceeding one hundred tons shall be moved in any such port without having on board a Pilot, Harbour-master or Assistant of the Master Attendant or Harbour-master, unless authority in writing so to do has been obtained from the Conservator or some officer empowered by him to give such authority;

And whereas it is expedient to exempt Native vessels when moved in the Port of Bombay from the provisions of the recited section;

And whereas it is also expedient to exempt pleasure-yachts throughout British India from the levy of port-dues;

It is hereby enacted as follows :—

Short title. Commencement.

1. This Act may be called the Indian Ports Act, 1882; and it shall come into force at once.

Amendment of section 38 of Act XII of 1875 as to Native vessels in Port of Bombay.

2. To the recited section the following words shall be added :—

"Nothing in this section shall apply to Native vessels when they are moved in the Port of Bombay.

"If any question arises as to whether any vessel is a Native vessel within the meaning of this section, the decision thereon of such authority as the Governor of Bombay in Council may from time to time appoint in this behalf shall be conclusive."

Addition to Act XII of 1875.

3. After section fifty-eight of the Indian Ports Act, 1875, the following section shall be inserted, namely :—

Port-dues not chargeable on pleasure-yachts.

"58A. No port-dues shall be chargeable in respect of any pleasure-yacht."

D. FITZPATRICK,
Secy. to the Govt. of India.

The Gazette of India.

PUBLISHED BY AUTHORITY.

SIMLA, SATURDAY, JUNE 10, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART V.

Bills introduced into the Council of the Governor General for making Laws and Regulations, or published under Rule 22.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

[Second publication.]

The following Bill was introduced into the Council of the Governor General of India for the purpose of making Laws and Regulations on the 31st May, 1882:—

No. 7 OF 1882.

A Bill to modify temporarily certain provisions of the Petroleum Act, 1881.

Preamble.

WHEREAS there is reason to doubt whether the mode of testing petroleum prescribed by the Petroleum Act, 1881, is in all cases to be relied on in India, and it is therefore expedient, pending the removal of that doubt, or the adoption of an improved mode of testing petroleum, to afford, in respect of petroleum imported under certain guarantees as to its quality, some relief from the difficulties under which, owing to the said doubt, persons dealing in such petroleum might otherwise labour; It is hereby enacted as follows:—

Short title.

1. This Act may be called the Petroleum Act, 1882.

Commencement. Duration.

It shall come into force at once, and shall continue in force only until the first day of January, 1883, or such later date as the Governor General in Council may, from time to time, by notification in the *Gazette of India*, fix in this behalf,

This Act to be read with Act VIII of 1881.

and as long as it continues in force shall be read with, and taken as part of, the Petroleum Act, 1881.

Certain petroleum not to be deemed "dangerous petroleum."

2. Whenever it appears to the Governor General in Council that certificates of any description are commonly granted in any place beyond the limits of British India in respect of petroleum exported from that place to British India and that a certificate of that description is sufficient to prove that the petroleum therein referred to would, if tested in the manner prescribed by the Petroleum Act, 1881, at the place from which it is exported, have a flashing point not below seventy-three degrees of Fahrenheit's thermometer, the Governor General in Council may direct that petroleum imported from that place and covered by a certificate of that description shall not be deemed to be dangerous petroleum.

While any such direction continues in force, petroleum to which it applies shall not be deemed to be dangerous petroleum.

STATEMENT OF OBJECTS AND REASONS.

COMMUNICATIONS received by the Government of India by telegraph within the last two or three weeks afford ground for apprehending that petroleum which, when tested in America and elsewhere in the manner prescribed by the Petroleum Act, 1881, flashes at a point above 73° Fahrenheit may, when tested in the same manner on its arrival here, flash at a point below 73° Fahrenheit, and consequently have to be placed under the restrictions to which dangerous petroleum is subject. It has been suggested that this is probably due not to any want of care on the part of those applying the test in either country, but to the difference of climate. Steps have been taken with a view to having the matter fully inquired into; but as this will take some time, and as it is but fair that importers should in the meanwhile be relieved from the hardship to which they are exposed, it is proposed for the present to exclude from the class of dangerous petroleum all petroleum covered by a certificate granted at the place of export and of such a description that, in the opinion of the Governor General, it may be accepted as proving that the petroleum it refers to, if tested at the place of export according to our method, would be found to have a flashing point above 73° Fahrenheit.

C. P. ILBERT.

The 31st May, 1882.

D. FITZPATRICK,
Secy. to the Govt. of India.

SUPPLEMENT TO

The Gazette of India.

Nº 23.} CALCUTTA, SATURDAY, JUNE 10, 1882.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on a payment of six Rupees per annum if delivered in Calcutta, or nine Rupees if sent by Post.*

No Official Orders or Notifications, the publication of which in the GAZETTE OF INDIA *is required by Law, or which it has been customary to publish in the* CALCUTTA GAZETTE, *will be included in the* SUPPLEMENT. *For such Orders and Notifications the body of the* GAZETTE *must be looked to.*

GOVERNME

DEPARTMENT OF F

PRICES CURRENT OF FOOD-GRAINS THROUGHO

QUANTITIES PER RUP

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Madras	Ganjam	14 11	11 13	14 11	...	...	...	17 13	17 13	17 13	19 10	19 10	19 8	...	...	...	...	...	...
	Vizagapatam	5 0	...	16 0	...	...	...	9 0	9 0	13 6	11 5	11 5	15 13	23 3	23 3	25 6	23 13	23 13	27
	Godavery	9 14	12 10	12 10	...	...	...	15 13	15 13	...	18 0	18 0*	19 0	28 13	30 11	...	...	...	...
	Kistna	14 3	16 3	15 11	...	...	...	16 11	18 5	17 5	17 14	19 0	18 8	18 3	18 11	29 10	...	...	...
	Nellore	14 6	12 10	12 10	...	...	...	15 13	15 13	14 10	...	...	16 0	38 6	38 6	26 14	...	...	...
	Cuddapah	16 3	16 3	14 5	...	...	...	12 0	12 0	11 2	13 11	13 11	12 8	30 13	30 13	30 0	31 14	31 14	31
	Anantapur	14 6	14 6	11 8	...	...	...	15 0	15 0	13 14	16 3	16 3	15 2	33 0	33 0	39 2	18 13	18 13	18
	Bellary	17 5	17 5	18 11	...	...	...	12 5	12 5	12 13	13 8	13 8	14 0	33 0	33 0	41 3	26 5	25 6	37
	Kurnool	14 10	14 10	12 11	...	...	...	11 0	11 6	11 0	11 13	11 6	11 6	32 3	32 3	35 10	28 11	30 0	33
	Madras	10 13	10 13	9 2	...	...	...	14 10	14 10	13 11	16 3	16 3	14 14	24 8	24 8	21 10	26 6	26 6	22
	Chingleput	...	...	...	...	...	...	16 8	16 8	15 0	17 0	17 0	15 13	...	...	...	...	...	...
	North Arcot	11 6	11 6	11 0	...	...	...	15 14	16 5	17 3	17 5	18 13	17 14	34 10	...	23 11	31 5	26 6	31
	South Arcot	9 6	9 6	9 6	...	...	...	17 0	16 8	15 11	18 6	18 13	16 10	33 10	33 10	25 3	29 5	29 5	26
	Tanjore	10 5	10 5	11 0	...	...	...	17 13	19 14	17 6	...	...	...	38 3	38 3	...	34 3	31 14	32
	Trichinopoly	9 14	9 14	11 3	...	...	...	16 10	16 10	16 10	17 0	17 6	17 0	...	...	...	29 3	30 8	26
	Madura	13 5	12 8	12 14	...	...	...	15 8	15 8	15 2	17 5	16 8	15 10	25 14	29 3	27 8	29 6	32 5	29
	Tinnevelly	9 3	9 3	8 14	...	...	...	15 14	15 14	13 14	16 13	16 13	14 6	...	...	...	...	...	...
	Coimbatore	14 13	14 13	14 13	...	...	...	15 5	14 13	14 6	15 13	15 13	16 5	26 2	26 2	27 13	35 0	35 0	35
	Nilgiris	9 14	10 10	9 14	...	...	...	9 10	9 10	12 0	12 0	12 0	12 13	18 8	20 0	18 8	19 10	21 0	17
	Salem	13 10	11 14	12 13	...	...	...	15 8	15 8	13 2	16 0	16 14	16 8	29 2	29 2	25 8	22 14	22 14	22
	South Canara	10 5	9 14	10 5	...	...	...	10 11	10 11	8 11	14 11	15 11	14 11	...	...	...	...	...	...
	Malabar	9 0	9 6	9 6	...	...	...	15 6	15 13	14 13	16 3	16 10	15 6	...	...	...	...	...	...
Bombay	Bombay	10 4	10 15	11 14	18 0	17 7	16 14	7 12	7 7	7 4	12 10	13 5	10 7	18 4	18 4	21 4	17 3	18 0	19
	Ahmedabad	13 0	13 4	16 0	21 0	20 0	32 0	5 8	6 8	8 0	8 0	8 0	13 4	19 0	18 8	28 0	15 8	15 0	25
	Kaira	11 7	12 12	14 14	20 0	21 5	32 0	9 2	9 2	8 14	14 9	15 4	13 5	20 0	20 0	29 1	14 0	14 9	20
	Surat	13 6	13 6	13 10	5 6	6 3	7 7	7 7	7 7	6 13	8 5	8 5	8 5	15 9	15 9	18 13	11 13	11 13	17
	Broach	12 5	12 5	16 0	...	...	...	10 10½	10 10½	8 14¼	12 13	12 13	11 6¾	15 4	15 4	17 12½	15 4	15 4	18
	Tanna (Salsette)	10 5	10 5	11 11	...	...	...	10 0	9 0	6 14	11 4	11 4	11 4	18 10	18 10	15 0	16 6	16 6	18
	Colába (Alibág)	10 0	10 0	10 4	...	...	...	7 8	7 8	7 12	16 0	17 0	12 8	...	...	...	...	14 0	14
	Khandesh (Dhulia)	16 5	16 12½	20 5	...	...	...	7 4	7 4	7 4	10 15	10 15	12 12	25 8	25 8	28 14	21 9½	20 11	25
	Násik	15 8	15 8	17 0	...	...	...	7 7	7 7	5 15	12 0	12 0	11 15	...	...	25 8	21 3	21 3	20
	Ahmednagar	14 10	14 6	17 7	...	...	...	9 11	9 11	8 7	13 9	15 0	10 8	27 6	27 13	36 8	23 1	23 11	26
	Poona	13 13	13 13	13 13	...	...	...	11 0	11 0	9 13	12 4	12 4	12 4	23 15	23 15	26 2	19 11	19 11	20
	Sholápur	15 3	15 6	18 0	...	...	...	10 15	10 7	12 6	11 5	11 5	13 3	32 5	33 10	36 10	26 3	27 9	31
	Kaládgi (Bagalkot)	21 0	22 0	21 0	15 0	15 0	15 0	7 0	6 8	9 0	9 8	9 8	10 0	33 0	34 0	38 0	31 0	31 0	38
	Satara	12 1	12 1	14 11	...	...	...	9 11	9 11	9 5	11 7	11 7	11 7	25 5	28 0	26 10	22 0	23 4	24
	Belgaum	19 0	19 0	18 0	11 8	11 8	11 0	10 8	10 8	11 8	11 8	11 0	12 0	25 9	28 0	27 8	25 5	26 0	31
	Dharwar (Hubli)	21 0	23 0	24 0	...	...	...	10 0	11 0	14 0	12 0	12 0	17 0	23 0	26 1	43 0	23 0	25 0	42
	Ratnagiri	11 3	11 3	11 3	...	...	...	10 0	10 0	9 4	16 15	16 15	14 2	20 13	20 13	20 13	19 10	19 10	15
	Kanara (Karwar)	12 8	16 0	15 8	...	...	...	8 0	8 0	8 0	13 0	15 0	16 0	18 0	20 0	24 0	18 0	16 0	17
	Pánch Mahals (Godhra)	12 5	12 5	13 5	...	...	...	11 6	11 6	11 6	15 0	15 0	16 0	26 10	26 10	50 0	16 0	16 0	32
	Aden	8 0	8 0	8 0	...	...	...	6 3	6 3	6 3	7 0	7 0	7 0	11 3	11 3	9 5	9 5	9 5	8
	Asirgarh	16 8	16 8	17 2	...	...	...	10 12	11 8	10 0	12 11	13 4	12 0	30 0	31 0	34 0	31 0	32 0	30
	Baroda	10 14	10 14	12 0	14 5	13 11	22 14	8 9	8 9	8 9	12 7	11 7	12 0	16 0	16 0	...	14 5	14 5	20
	Disa	13 11	15 0	16 6	...	...	...	6 6	6 6	6 6	8 11	8 6	8 6	19 0	19 0	24 9	18 0	18 15	22
	Nimach	15 7	16 0	18 8	19 0	20 0	25 8	8 8	8 8	8 0	10 0	10 0	10 0	18 0	21 0	28 0	19 0	20 0	...
	Nasirabad	17 0	17 2¾	17 12¼	24 0	23 10¾	23 8½	6 0	6 0	6 0	7 0	7 0	7 0	27 0	27 5¼	27 14	18 0	18 5¼	18
	Rájkot	12 0	13 10	18 8	...	...	...	6 0	6 0	5 8	11 0	11 0	12 0	14 12	16 0	28 0	12 12	14 6	23
	Upper Sindh Frontier	15 0	15 0	12 1	26 0	26 0	17 12	11 4	12 5	8 4¾	22 12	22 12	13 4	32 0	32 0	19 6	...	29 0	19
	Karachi	12 0	12 0	11 5	21 0	23 0	21 0	10 0	9 8	9 0	15 0	16 0	12 0	23 0	23 0	20 0	18 8	17 0	18
	Haidarabad (Nakur)	17 0	17 0	12 0	20 0	20 0	20 0	12 0	12 0	10 0	18 0	18 0	14 0	24 0	24 0	20 0	23 0	23 0	20
	Shikarpur	13 2½	13 8½	12 4	26 9½	26 10	20 0	12 4½	12 13	10 0	17 4	15 4	16 0	24 10½	23 0	17 4	26 10	26 10	18
	Thar and Parkar (Umarkot)	18 0	18 2	16 7	...	...	...	...	...	...	14 0	14 0	10 1	...	...	...	20 6	22 0	16
Bengal	*Western Districts.*																		
	Burdwan	16 0*a*	16 0	18 0	21 0	30 0	30 0	26 4	29 0	27 12	30 0	32 8	30 0	...	...	...	...	...	...
	Bancoorah	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Beerbhoom	16 0*b*	16 0	18 0	...	...	...	21 0	24 0	22 8	27 8	31 0	34 0	...	...	...	...	...	...
	Midnapore	14 8*c*	14 8	15 8	...	...	...	20 0	20 0	27 0	28 0	28 0	34 0	...	...	...	...	...	...
	Hooghly	17 0*d*	19 0	18 0	...	...	...	10 0	10 0	10 0	19 0	20 0	20 0	...	...	...	...	...	...
	Howrah	13 0	16 0	15 4	...	...	...	16 0	17 8	16 0	21 8	21 8	21 0	...	...	...	...	...	...

* The figures now quoted for the past fortnight are correct.
a In the sub-divisions retail prices of salt are as follow :—Culna 15 seers, Cutwa 13 seers, and Raneegunge 13-5 seers.
b In the interior retail prices of salt range from 12 to 16 seers.
c In the sub-divisions retail prices of salt are as follow :—Contai 12 seers, Tumlook 12-12 seers, and Ghatal 14-8 seers.

OF INDIA.

ANCE AND COMMERCE.

INDIA FOR THE 1st HALF OF MAY 1882.

IN SEERS OF 80 TOLAHS.

Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum*, &c.			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.			Districts.	Provinces.
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
...5 3	35 3	32 3	26 10	26 10	46 10	215 13	215 13	215 13	...	...	...	13 13	13 13	11 6	Ganjam	Madras.
7 6 5	26 5	28 5	25 11	28 2	37 6	93 5	93 5	87 8	15 3	14 10	11 11	14 0	14 0	10 8	Vizagapatam	
...16 6	36 6	37 5	28 5	29 6	46 3	194 6	194 6	160 6	14 10	14 10	12 8	14 10	14 10	12 8	Godavery	
...14 8	35 5	39 3	26 8	27 6	30 13	145 13	145 13	145 13	15 6	15 6	13 2	15 3	15 3	12 13	Kistna	
...16 6	36 6	29 2	28 5	25 3	26 3	93 5	93 5	93 5	14 13	14 13	13 3	14 13	14 13	12 11	Nellore	
1 10 0	30 0	33 0	33 8	33 8	34 6	194 6	194 6	194 6	14 6	14 6	14 6	13 14	13 14	13 14	Cuddapah	
3 13 0	33 0	36 14	37 8	40 5	40 5	...	...	...	14 5	13 2	11 14	14 5	13 2	11 14	Anantapur	
7 11 0	29 2	42 11	26 14	29 11	38 2	97 3	97 3	97 3	14 10	14 10	13 6	14 5	14 5	13 2	Bellary	
3 1 ...	...	...	30 0	30 0	31 8	194 6	163 5	203 10	14 6	14 13	12 8	14 0	14 6	12 2	Kurnool	
2 18 13	28 13	26 0	27 5	27 5	30 6	81 6	81 6	81 6	16 8	16 8	14 6	16 0	16 0	13 14	Madras	
...8 13	27 6	26 11	25 0	25 5	30 6	92 5	92 5	77 13	16 5	16 5	14 5	15 14	15 14	13 14	Chingleput	
1 21 3	35 14	32 8	31 8	33 8	36 6	140 0	140 0	140 0	14 5	14 5	12 11	14 5	14 5	12 5	North Arcot	
6 10 3	30 3	29 6	35 11	35 11	30 3	201 11	201 11	201 11	19 5	19 5	15 5	18 14	18 14	14 13	South do.	
2 9 5	39 5	34 11	33 3	35 0	31 8	194 6	194 6	194 6	15 10	15 10	13 2	15 3	15 3	13 2	Tanjore	
6 14 2	34 2	30 2	38 8	37 0	33 14	97 3	97 3	97 3	17 0	17 0	12 14	16 3	16 3	12 2	Trichinopoly	
9 8 11	34 2	34 2	42 11	42 11	35 10	140 14	145 13	145 13	16 2	15 10	13 8	15 14	15 6	13 2	Madura	
... ...	...	...	29 6	29 6	27 2	81 10	81 10	76 13	18 11	18 11	14 13	18 5	18 5	14 5	Tinnevelly	
5 9 8	31 3	34 6	36 2	34 3	47 8	131 3	131 3	131 3	15 2	14 2	12 3	14 10	13 10	11 11	Coimbatore	
7 9 3	20 14	20 3	21 10	20 11	26 10	121 8	121 8	121 8	11 0	...	9 3	11 0	11 0	9 3	Nilgiris	
2 11 10	32 8	29 2	39 6	37 6	39 6	151 10	151 10	151 10	15 6	15 6	14 5	14 5	14 5	13 5	Salem	
...9 6	19 6	20 3	21 3	20 3	23 3	116 10	116 10	109 5	15 3	15 3	14 3	14 3	14 3	13 2	South Canara	
...3 6	23 6	24 13	26 14	26 14	31 0	121 8	121 8	121 8	14 6	14 6	10 13	13 14	13 8	9 14	Malabar	
9 14 3	24 3	13 0	16 14	17 13	18 12	61 7	61 7	61 6	14 5	14 5	12 9	14 5	14 5	12 9	Bombay	Bombay.
5 ...	...	...	22 8	23 0	24 0	80 0	80 0	80 0	16 8	16 8	13 8	16 0	16 0	13 4	Ahmedabad	
0 ...	...	...	20 0	20 0	24 10	80 0	80 0	80 0	...	...	...	16 0	16 0	12 13	Kaira	
7 1 ...	...	...	14 14	14 14	17 13	80 0	80 0	80 0	13 10	14 9	11 7	13 10	14 9	11 7	Surat	
8 1 ...	...	...	15 4	15 4	20 0	106 0	106 0	106 0	15 4	15 4	12 12¾	15 4	15 4	12 12¾	Broach	
8 (8 0	25 11	15 4	14 1	14 5	15 10	71 1	71 1	71 1	14 5	14 5	10 2	13 4	13 4	10 2	Tanna (Salsette)	
4 8 ...	...	...	14 0	14 0	14 0	120 0	120 0	110 0	15 0	15 0	12 8	14 0	14 0	12 0	Colába (Alibág)	
5 8 ...	...	...	17 15½	17 8	28 12	140 0	140 0	140 0	15 2	15 2	13 2	15 0	15 0	13 0	Khandesh (Dhulia)	
0 0 0	30 0	27 0	19 8	19 8	24 8	128 0	128 0	115 0	14 6	14 6	12 14	14 2	14 2	12 12	Násik	
6 1 ...	...	...	20 11	21 11	27 0	91 5	91 5	106 4	15 0	14 7	12 10½	14 14	14 5	12 9	Ahmednagar	
0 1 ...	...	...	18 6	18 6	20 11	76 0	76 0	76 0	14 11	14 11	12 8	14 7	14 7	12 4	Poona	
1 4 ...	...	...	23 12	25 9	31 7	98 0	98 0	91 6	13 12	13 12	11 8	13 8	13 8	11 4	Sholápur	
8 8 ...	...	...	16 0	16 0	21 0	110 0	100 0	112 0	12 0	12 9	11 0	11 0	12 0	10 0	Kaládgi (Bagalkot)	
4 9 ...	...	...	15 10	16 14	16 14	137 1	137 1	137 15	13 13	14 9	12 12	13 2	13 2	11 10	Satara	
1 5 0	35 0	35 0	16 8	16 8	19 0	80 0	70 0	...	13 0	13 0	12 8	12 8	12 8	12 0	Belgaum	
2 (8 0	28 0	49 0	14 0	14 0	21 0	80 0	80 0	80 0	8 12	9 8	8 12	8 0	9 0	8 0	Dharwar (Hubli)	
5 14 3 8	23 8	18 13	15 6	15 6	16 13	150 0	150 0	180 0	14 6	14 6	11 0	14 4	14 4	11 0	Ratnágiri	
7 2 0	22 0	27 0	13 0	15 0	16 0	213 5	213 5	213 5	13 4	13 0	11 0	12 8	12 0	10 8	Kanara (Karwar)	
2 3 0	23 0	50 0	26 10	26 10	32 0	200 0	200 0	200 0	...	16 0	...	15 4	15 4	11 6	Pánch Mahâls (Godhra)	
8 ...	...	...	9 5	9 5	9 5	65 5	65 5	65 5	...	...	...	32 0	32 0	32 0	Aden	
0 4 ...	...	...	22 4	26 8	29 2	160 0	160 0	160 0	13 0	12 12	10 0	13 0	12 12	10 0	Asirgarh	
0 ...	...	...	16 9	16 9	20 9	85 0	85 0	86 0	14 5	14 5	12 9	14 5	14 5	12 9	Baroda	
2 6 ...	...	...	18 8	18 14	20 4	137 8	137 8	137 8	13 8	13 8	9 0	13 0	13 0	8 0	Disa	
... ...	...	...	17 5	18 8	22 8	160 0	160 0	160 0	...	...	...	11 0	11 0	9 8	Nimach	
8 ...	...	...	24 10	25 0	23 9¾	90 0	90 0	90 0	*16 6¾	*16 6¾	...	16 0	16 0	13 0	Nasirabad	
3 13 ...	...	...	16 4	18 12	27 8	80 0	80 0	90 0	†55 0	†55 0	†50 0	48 0	48 0	...	Rájkot	
9 (0 0	40 0	...	22 0	22 0	17 4¾	160 0	160 0	320 0	12 4¾	12 1	9 6½	12 4	12 0	9 4½	Upper Sindh Frontier	
8 (3 0	9 8	9 8	18 8	17 0	20 0	105 0	105 0	100 0	17 13	17 13	14 3	17 0	17 0	14 0	Karachi	
0 ...	...	...	10 0	10 0	11 0	480 0	480 0	320 0	14 0	14 0	10 0	14 0	14 0	10 0	Haidarabad (Nakur)	
8 ...	...	...	20 4	21 4	18 12	280 0	290 0	240 0	13 5	13 8	11 6	13 2½	13 6	11 4	Shikarpur	
6 5 ...	...	...	...	...	...	160 0	160 0	160 0	10 11	10 11	9 10	10 11	10 11	9 10	Thar and Parkar (Umarkot)	
									Prices per md. of 40 seers.						*Western Districts.*	Bengal.
									Rs. A. P.	Rs. A. P.	Rs. A. P.					
... ...	...	...	25 0	26 0	24 0	120 0	160 0	80 0	2 11 0	2 12 0	...	13 8	13 5	10 0	Burdwan	
... ...	...	...	...	...	...	...	...	...	...	...	...	No re	turn re	ceived	Bancoorah	
... ...	...	...	25 0	25 8	22 0	200 0	200 0	180 0	3 3 6	3 3 6	...	12 0	12 0	9 0	Beerbhoom	
... ...	...	...	19 0	19 0	18 0	160 0	160 0	160 0	3 0 0	3 0 0	...	13 0	13 0	9 0	Midnapore	
... ...	...	...	21 0	22 0	20 0	100 0	100 0	120 0	2 12 0	2 12 0	...	13 0	13 0	9 0	Hooghly	
... ...	...	...	22 8	22 8	20 8	80 0	80 0	80 0	2 14 0	2 14 0	4 0 0	13 0	13 0	...	Howrah	

d In the sub-divisions retail prices of salt are as follow :—Serampur 13 seers, and Jehanabad 13-3 seers. * Sambhur. † Common.

PRICES CURRENT OF FOOD-GRAINS THROUGHO

QUANTITIES PER RU

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra) *Penicillaria Spi* Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S.
Bengal—continued.	*Central Districts.*																		
	Calcutta	14 9	14 9	16 6	26 10	32 0	32 0	10 0	10 0	7 4	20 0	20 0	18 13	32 0	32 0	26 10	...	...	
	24-Pergunnahs	13 5*e*	13 5	17 4	24 8	22 8	27 8	10 8	10 0	10 0	18 0	20 0	20 0	20 0	16 0	...	...	...	
	Nuddea	16 0*f*	16 7	16 0	32 0	32 0	32 0	20 0	20 0	17 4	22 0	21 5¼	22 14	...	...	...	...	...	
	Jessore	19 0*g*	20 0	17 0	...	...	...	22 0	23 0	21 5	28 0	29 8	29 0	...	...	...	...	...	
	Moorshedabad	16 0*h*	20 0	22 0	...	...	...	17 0	18 0	18 0	24 0	28 0	25 8	...	...	...	...	...	
	Dinagepore	14 8*i*	15 9	17 8	17 12	27 8	29 8	26 8	25 8	24 0	30 0	32 6	36 0	...	...	...	...	...	
	Rajshahye	15 0 to 17 4	16 0 to 20 10	21 0 to 26 4	48 12	48 12	48 12	16 0 to 18 12	19 11 to 21 0	21 8	21 0 to 24 0	24 0 to 26 4	24 0 to 27 0	...	...	...	...	...	
	Rungpore	15 0*j*	15 0	18 0	...	...	...	16 0	16 0	15 0	25 14	25 14	24 13	...	...	...	...	...	
	Bogra	18 12	19 14	22 8	...	...	...	15 12	18 0	24 0	28 2	30 0	37 8	...	...	...	...	...	
	Pubna	19 8*k*	20 0	24 0	...	...	...	10 0	10 0	10 0	25 0	25 8	30 0	...	...	...	...	...	
	Darjeeling	8 0	8 0	8 0	8 0	8 0	8 0	6 0	7 0	5 0	14 0	14 0	13 0	...	...	...	...	...	
	Jalpáiguri	9 0*l*	9 0	10 0	20 0	20 0	...	16 0	16 0	16 0	24 0	23 0	22 8	...	...	...	...	...	
	Eastern Districts.																		
	Dacca	16 0*m*	16 0	14 8	40 0	40 0	45 0	22 8	25 0	25 0	26 0	29 0	32 0	...	...	...	...	...	
	Furreedpore	22 0*n*	22 0	20 0	30 0	30 0	30 0	22 0	24 0	7 0	26 0	26 0	26 0	...	...	...	...	...	
	Backergunge	... *o*	...	...	...	...	...	24 0	24 0	22 0	29 0	29 0	32 0	...	...	...	...	...	
	Mymensingh	11 8*p*	10 0	11 8	...	...	...	22 8	23 0	22 0	29 0	29 0	27 8	...	...	...	...	...	
	Tipperah	13 4*q*	13 4	13 4	...	...	...	22 0	22 0	24 0	29 0	32 0	34 0	...	...	...	...	...	
	Chittagong	9 0*r*	9 0	12 4	...	...	...	16 0	16 0	18 0	22 0	23 0	30 0	...	...	...	...	...	
	Noakholly	... *s*	...	...	...	...	...	27 0	26 0	26 0	31 0	32 0	30 0	...	...	...	...	...	
	Chittagong Hill Tracts	...	...	...	...	...	...	14 8	14 8	16 0	17 12	17 12	17 3	...	...	...	...	...	
	Hill Tipperah	10 0	10 0	10 0	...	...	...	26 0	28 0	32 0	37 0	38 0	40 0	...	...	...	...	...	
	Behar.																		
	Patna	18 0	19 8	22 0	40 0	40 0	40 0	12 0	12 0	16 0	22 0	22 0	24 0	...	...	...	...	...	
	Gya	20 0*t*	21 0	21 8	28 0	30 0	38 0	12 0	11 8	13 0	22 0	22 0	22 8	...	...	...	...	...	
	Shahabad	17 0*u* to 18 0	15 8 to 17 0	21 0 to 22 0	33 0	35 0	39 0	19 0 to 20 0	20 0 to 22 0	21 0	22 0	23 8	22 0 to 23 0	...	...	...	...	...	
	Durbhunga	15 0	15 0	22 0	35 0	28 0	45 0	13 0	13 0	15 0	17 0	17 0	22 0	...	...	...	...	...	
	Mozufferpore	20 0*v*	19 0	24 0	32 0	32 0	45 0	12 0	12 0	11 0	18 0	18 0	22 0	...	...	...	...	...	
	Sarun	16 8	15 8	20 0	31 0	32 0	42 0	10 0	10 0	10 8	21 0	22 0	22 0	33 0	37 0	45 0	...	...	
	Chumparun	19 0*w*	18 8	21 0	45 0	43 0	38 0	12 0	12 0	14 0	31 0	23 0	21 0	...	...	...	...	...	
	Monghyr	20 0*x*	20 0	22 0	36 12	27 12	36 8	15 12	16 12	15 12	20 0	21 0	19 15	...	...	...	...	...	
	Bhágalpur	16 6*y*	17 1	17 11	37 14	34 0	40 6	18 15	18 15	18 5	24 0	22 11	20 3	...	...	...	...	...	
	Purneah	18 0*z*	18 0	26 0	...	40 0	40 0	22 0	24 0	23 0	28 0	28 0	30 0	...	...	...	...	...	
	Maldah	19 0	20 0	22 8	...	...	...	18 0	18 0	16 0	25 0	25 0	28 0	...	...	...	...	...	
	Sonthal Pergunnahs	14 0	15 0	16 0	...	...	...	22 0	24 0	24 0	27 0	27 0	27 8	...	...	...	...	...	
	Orissa.																		
	Cuttack	15 12	14 7	23 10	...	...	...	15 12	14 7	15 12	26 4	28 14	23 10	...	...	...	...	...	
	Pooree	13 0*z1*	13 8	17 1	...	...	...	24 0	28 0	23 10	30 0	36 0	27 0	...	...	...	...	...	
	Balasore	16 0*z2*	16 0	16 0	...	...	...	26 0	26 0	32 0	32 0	32 0	40 0	...	...	...	...	...	
	Chota Nagpore—South-Western Frontier Agency.																		
	Hazaribagh	15 8*z3*	16 0	21 0	27 0	24 0	...	12 0	12 0	12 0	21 0	21 0	22 0	...	...	...	...	...	
	Lohardugga	20 0*z4*	20 0	21 0	28 0	30 0	32 0	22 0	22 0	22 0	26 0	26 0	24 0	...	...	...	...	...	
	Singbhoom	24 0	24 0	24 0	32 0	32 0	40 0	36 0	36 0	32 0	40 0	40 0	36 0	...	...	...	...	...	
	Manbhoom	13 8*z5*	16 0	17 0	...	...	40 0	20 0	23 8	21 0	36 0	36 0	32 0	...	...	45 0	...	...	

e In the sub-divisions retail prices of salt are as follow :—Diamond Harbour 10-8 seers, Barripore 10 seers, Barrackpore 12-12 seers, Baraset, Bussirhat and Satkhira, 13 seers, Dum-Dum 12 seers.
f In the sub-divisions retail prices of salt are as follow :—Kooshtea 13 seers, Meherpore 12 seers, Chooadanga 12-8 seers, Ranaghat 12-14 seers, and Bongong 13-5 seers.
g In the sub-divisions retail prices of salt are as follow :—Jhenida, Magoora and Narail 12 seers, Khoolna 11-10 seers, and Bagirhat 11 seers.
h In the sub-divisions retail prices of salt are as follow :—Lalbagh 10 seers, Jungypore 12-4 seers, and Kandi 11-8 seers.
i Retail price of salt at Raigunge 10-4 seers, and at Nitpore 16 seers.
j In the sub-divisions retail prices of salt are as follow :—Kurigram 10 seers, Gaibanda 10 seers and Nelphamari 9-11 seers.
k In Serajgunge retail price of salt is 11-8 seers.
l Retail price of salt at Fallacotta in the Alipore sub-division is 12 seers.
m In the interior retail prices of salt are as follow :—Manickgunge 12 seers, Moonsheegunge 10-10½ seers, Roopgunge 10-8 seers, and Naraingunge 13-8 seers.
n In the sub-divisions retail prices of salt are as follow :—Goalundo 12 seers, Madaripore 13 seers and Bhanga 15 seers.
o In the sub-divisions retail prices of salt are as follow :—Patuakhali 10-10 seers, Ferozepore 11 seers, and Bhola 10 seers.
p In the interior retail prices of salt are as follow :—Kishoregunge 13-5 seers, Attia 12 seers, Jamalpore 11 seers and Nittrokona 12-13 seers.
q In the sub-divisions retail prices of salt are as follow :—Brahmunbariah 12-8 seers and Chandpore 13 seers.
r Retail prices of salt in Kumariah 9 seers and in Cox's Bazar 10 seers.
s In the interior retail prices of salt range from 6 to 11 seers.

INDIA FOR THE 1st HALF OF MAY 1882—*continued.*

IN SEERS OF 80 TOLAHS.

Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nagleel), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt.						Districts.	Provinces.
									Wholesale prices per maund of 40 seers.			Retail.				
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	S. Ch.	S. Ch.	S. Ch.		
															Central Districts.	
...	...	...	24 10	24 10	22 13	90 0	90 0	90 0	2 10 0	2 10 0	...	13 8	13 8	10 0	Calcutta	Bengal—*continued.*
...	...	...	20 0	20 0	21 0	90 0	90 0	100 0	3 0 0	3 8 0	...	13 5	11 0	9 8	24-Pergunnahs	
...	...	...	26 0	26 0	27 13	...	...	...	3 0 0	3 0 0	...	12 13¼	12 13¼	9 11¼	Nuddea	
...	...	...	22 0	23 0	20 0	110 0	110 0	110 0	3 2 0	3 2 0	...	11 8	11 8	8 0	Jessore	
...	...	...	32 0	32 0	32 0	120 0	120 0	120 0	3 5 0	3 12 0	...	10 8	10 0	9 0 to 10 0	Moorshedabad	
...	...	...	17 12	24 0	18 0	160 0	160 0	180 0	3 4 0	3 4 0	...	12 0	12 0	8 12	Dinagepore	
...	...	...	26 4 to 28 2	27 3 to 28 2	28 2	240 0	240 0	240 0	3 5 0	3 5 3	...	12 0	12 0	9 0	Rajshahye	
...	...	...	15 0	15 0	12 0	135 0	125 0	120 0	3 5 0	3 5 0	...	11 8	11 8	8 12	Rungpore	
...	...	...	15 12	19 8	18 12	59 0	67 8	67 8	3 4 0	3 2 8	...	10 8	12 0	8 4	Bogra	
...	...	...	22 0	22 0	25 0	200 0	200 0	200 0	3 0 0	3 0 0	...	13 5	13 5	9 0	Pubna	
8 0	9 0	9 0	10 0	10 0	8 0	160 0	160 0	160 0	5 0 0	5 0 0	...	8 0	6 0	5 0	Darjeeling	
...	...	...	16 0	16 0	13 5	128 0	128 0	64 0	3 4 0	3 5 0	...	11 0	11 0	8 0	Jalpáiguri	
															Eastern Districts.	
...	...	...	25 0	25 0	22 10	91 4	91 4	106 0	2 15 0	2 15 0	4 0 0	13 5	13 5	10 0	Dacca	
...	...	...	16 0	16 0	11 0	...	...	...	3 5 4	3 1 3	...	11 0	12 0	10 0	Furreedpore	
...	...	...	21 0	21 0	18 0	100 0	100 0	100 0	3 11 0	3 11 0	...	10 9	10 9	9 0	Backergunge	
...	...	...	16 0	17 0	18 0	...	...	...	3 2 0	3 2 0	...	12 8	12 8	9 0	Mymensingh	
...	...	...	20 0	20 0	18 0	...	...	...	3 6 0	3 6 0	...	11 0	11 0	9 8	Tipperah	
...	...	...	16 0	16 0	13 0	80 0	80 0	80 0	2 11 0	2 11 0	...	13 0	13 0	7 0	Chittagong	
...	...	...	15 0	16 0	16 0	...	...	...	4 4 0	4 4 0	...	9 0	9 0	8 0	Noakholly	
...	...	...	...	...	...	320 0	320 0	320 0	3 10 0	4 0 0	...	10 0	9 0	8 0	Chittagong Hill Tracts	
...	...	...	13 0	13 0	10 8	...	...	...	4 0 0	4 0 0	...	10 0	10 0	8 0	Hill Tipperah	
															Behar.	
...	...	...	36 0	36 0	35 0	130 0	130 0	120 0	3 0 0	...	...	11 0	...	...	Patna	
...	...	...	27 0	27 8	31 0	160 0	140 0	180 0	3 6 0	3 6 0	...	12 0	12 0	9 0	Gya	
...	...	...	32 0	32 0	32 0	120 0	120 0	120 0	3 1 0	3 2 0	...	12 0	12 0	9 0	Shahabad	
40 0	40 0	30 0	27 8	28 0	26 0	160 0	160 0	180 0	3 4 0	3 4 0	...	11 0	12 0	8 8	Durbhunga	
...	...	...	30 0	30 0	32 0	140 0	140 0	140 0	3 5 0	3 4 0	...	12 0	12 0	8 8	Mozufferpore	
32 0	32 0	34 0	31 0	32 0	32 8	160 0	160 0	160 0	3 5 0	3 8 0	...	11 8	11 0	9 0	Sarun	
...	43 0	...	30 0	28 0	28 0	...	...	...	...	3 2 6	...	11 0	10 8	8 0	Chumparun	
...	...	...	36 2	33 9	33 9	126 0	126 0	126 0	3 2 0	3 2 6	...	12 0	10 8	8 12	Monghyr	
...	...	...	32 3	32 2	26 8	138 14	138 6	126 4	2 15 0	3 3 0	...	12 10	12 10	9 6	Bhágalpur	
...	...	...	24 0	25 0	25 0	160 0	160 0	120 0	3 12 0	4 0 0	...	11 0	10 0	8 0	Purneah	
...	...	...	27 8	28 0	27 0	120 0	120 0	120 0	3 8 0	3 6 0	...	10 0	10 0	9 0	Maldah	
...	...	...	22 0	24 0	22 8	200 0	200 0	200 0	3 12 0	3 12 0	...	10 0	10 0	8 0	Sonthal Pergunnahs	
															Orissa.	
15 12	14 7	21 0	23 10	23 10	26 4	160 0	160 0	160 0	3 0 0	3 0 0	3 8 0	13 0	13 0	11 0	Cuttack	
...	...	...	17 8	18 0	19 4	102 0	105 0	100 0	3 6 0	3 6 0	...	11 0	11 0	11 13	Pooree	
...	...	...	16 0	16 0	13 5	160 0	160 0	160 0	3 2 0	3 2 0	4 6 0	13 0	13 0	9 4	Balasore	
															Chota Nagpore—South-Western Frontier Agency.	
36 0	39 0	48 0	21 0	21 0	23 0	240 0	240 0	200 0	3 7 3	3 7 3	...	11 0	11 0	8 0	Hazáribágh	
36 0	38 0	50 0	20 0	22 0	22 0	140 0	140 0	160 0	4 0 0	4 0 0	...	9 0	9 0	7 8	Lohardugga	
...	...	...	24 0	24 0	28 0	180 0	180 0	160 0	4 6 9	4 0 0	...	8 0	8 0	7 0	Singbhoom	
...	...	64 0	20 0	20 0	20 0	140 0	140 0	140 0	3 8 0	3 8 0	...	12 0	11 0	8 8	Manbhoom	

t In Jehanabad retail price of salt is 12 seers.
u In the sub-divisions retail prices of salt are as follow:—Sasseram 11-8 seers, Buxar 11 seers, and Bhabooah 10-8 seers.
v In Hajeepore retail price of salt is 12-8 seers.
w In the interior retail prices of salt range from 8 to 12-8 seers.
x In the sub-divisions retail prices of salt are as follow:—Jamui 12-4 seers and Begooserai 12 seers.
y In the sub-divisions retail prices of salt are as follow:—Banka 11 seers, Mudehpoora 11-8 seers and Soopole 10 seers.
z In the sub-divisions retail price of salt are as follow:—Arrareah (Ranigunge) 9 seers and Kissengunge 10 seers.
z1 In Khoorda retail price of salt is 13 seers.
z2 In Bhadrak retail price of salt is 10 seers.
z3 Retail price of salt in Chatra 11 seers, and in Kharagdiha 12 seers.
z4 Retail price of salt at Daltongunge 9-8 seers and at Lohardugga 10 seers.
z5 In the interior retail prices of salt range from 10-8 to 15 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPEE

Provinces.	Districts	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Baira), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Assam.	Sylhet	13 0	13 0	13 0	...	...	...	17 0	17 0	16 0	35 0	35 0	24 8	...	...	...	...	...	...
	Cachar	10 10	9 2	11 2	17 12	16 0	16 0	26 10	16 0	17 12	30 8	21 5	20 0	...	...	...	...	...	...
	Goálpárá	32 0	32 0	20 0	...	...	...	13 5	13 4	15 0	20 0	20 0	18 0	...	...	...	...	...	...
	Gáro Hills	4 0	4 0	4 0	...	...	...	5 0	5 0	5 0	18 0	20 0	18 0	...	...	...	...	...	...
	Kámrúp	13 4	19 0	14 0	...	...	...	14 8	12 0	18 0	18 0	18 0	22 0	...	...	...	...	...	...
	Darrang	...	...	6 8	...	...	...	8 0	10 0	8 0	16 0	16 0	16 0	...	...	...	...	...	...
	Nowgong	...	...	...	...	...	...	13 8	13 8	10 0	16 0	16 0	16 0	...	...	...	...	...	...
	Sibságar	...	...	...	...	...	...	6 8	6 8	8 0	16 0	16 0	12 0	...	...	...	...	...	...
	Lakhimpur	8 0	8 0	9 0	10 0	10 0	...	7 0	7 0	8 0	16 0	16 0	14 0	...	...	...	...	...	...
	Khásí & Jaintiá Hills	...	7 5	8 0	...	6 0	...	9 0	10 0	8 0	10 0	11 0	10 0	...	...	...	...	...	...
	Nága Hills	...	...	...	...	...	...	5 0	4 0	4 0	8 0	8 0	...	...	...	...	...	...	...
N. W. Provinces.	Dehra Dún	19 8	19 0	19 0	31 0	32 0	32 0	11 0	11 4	11 0	12 8	13 0	12 8	24 0	24 0	20 0	20 0	24 0	16 0
	Saháranpur	20 15½	21 8	20 8	30 2	30 2	28 0	10 12	10 12	8 10	12 14	12 14½	11 14	25 13	24 11½	21 9	26 13	25 13	19 1
	Muzaffarnagar	19 4	21 0	21 8	33 0	33 0	31 14	6 9	6 9	6 9	14 5	14 5	14 5	28 11	30 4	26 6	28 11	28 10	22 0
	Meerut	18 8	19 0	21 8	25 0	24 8	29 0	6 0	6 0	5 8	16 0	16 0	14 0	27 0	28 8	22 0	22 0	26 0	19 0
	Bulandshahr	19 12	20 12	21 0	25 12	27 0	27 0	6 0	6 0	6 0	10 11	10 11	12 5	25 0	26 0	21 8	22 0	22 0	20 0
	Aligarh	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kumaun	15 0	17 0	13 8	20 0	20 0	16 0	10 0	10 0	10 4	13 0	14 0	11 8	...	...	...	...	...	...
	Garhwál	22 0	22 0	17 8	28 0	28 0	20 0	10 0	10 0	9 0	16 0	16 0	12 0	...	...	...	...*	...*	...
	Bijnor	18 0	18 9	20 13	27 2	28 2	28 2	11 8	11 11	11 4	13 8	12 15	13 8	24 12	27 0	18 0	20 4	20 4	16 1
	Moradabad	19 6	20 10	21 4	26 14	28 2	28 12	8 2	8 2	8 2	14 6	14 6	14 6	27 8	27 8	23 12	21 4	23 2	18
	Budaun	19 14	21 0	21 14	27 0	27 9½	27 1½	9 9½	9 9½	6 0	15 13	15 9½	14 1½	...	...	...	...	...	...
	Bareilly	19 1	20 10	20 10	25 10	27 8	28 2	8 2	8 2	7 8	15 0	15 10	14 6	23 12	23 12	25 0	17 8	20 0	23
	Sháhjáhánpur	20 14	21 8	22 6	27 12	29 8	31 8	9 4	9 4	8 0	16 0	15 8	13 12	...	...	...	...	...	...
	Taráí Pergunnahs	21 12	22 0	22 0	35 0	41 0	35 0	10 0	8 12	10 0	15 0	15 0	14 0	...	25 0	25 0	...	25 0	25
	Muttra	18 8	18 8	19 8	22 8	24 0	25 8	...	...	8 0	15 0	15 0	14 0	24 0	25 0	21 0	20 0	22 0	19
	Agra	17 4	18 0	18 0	22 0	23 0	22 0	6 0	6 0	6 0	14 0	14 0	13 8	23 0	24 0	23 0	20 0	21 0	22
	Farukhabad	19 2	19 7	21 3	25 9½	26 8½	29 6½	8 3	8 3	6 2	15 4	15 5½	14 5	23 13½	...	...	...	...	22
	Mainpuri	20 0	20 0	18 8	25 0	25 0	24 8	5 0	5 0	4 0	11 0	12 0	12 0	...	...	...	...	...	...
	Etáwah	19 0	19 8	18 8	24 8	24 8	23 8	6 0	6 0	6 0	14 8	14 8	15 0	22 8	22 8	23 0	20 0	20 0	23
	Etah	21 0	22 0	20 0	26 0	27 0	26 0	6 0	6 0	10 0	13 0	13 0	12 0	...	...	...	18 0	18 0	16
	Jalaun	22 0	22 0	20 0	22 0	22 0	24 0	10 0	10 0	8 0	13 0	13 0	12 0	30 0	30 0	24 0	26 0	26 0	20
	Jhánsi	23 10½	24 4	22 8	35 0	35 0	31 2	9 8	9 8	7 8	15 0	15 0	13 0	29 5	30 14	29 6	...	...	...
	Lalitpur	25 0	26 0	25 8	39 0	39 0	32 0	10 0	10 0	9 0	13 0	14 0	11 0	35 0	36 0	35 0	30 0	32 0	26
	Cawnpore	19 12	21 0	21 8	28 0	28 8	26 8	11 0	11 0	10 0	16 0	16 8	15 0	30 0	32 0	27 8	26 8	27 0	26
	Fatehpur	18 8	18 12	18 10	26 4	26 12	23 0	10 5	10 0	9 8	17 0	17 0	13 8	...	...	...	...	...	...
	Bánda	21 4	22 0	19 0	28 0	30 0	23 8	9 0	10 0	10 0	15 8	16 0	15 8	35 0	35 0	25 0	33 0	33 0	26
	Allahabad	19 0	19 8	19 0	28 0	28 8	24 12	12 0	11 0	11 0	18 0	18 0	16 4	32 0	33 0	26 0	30 0	31 0	25
	Hamirpur	20 0	20 0	19 5	...	...	23 10	12 0	...	9 0	...	14 0	16 0	30 0	28 0	23 1	...	...	20
	Jaunpur	20 14	21 3	21 3	33 2	33 2	22 4	8 7	8 7	7 12	14 2	14 2	15 8	...	...	...	22 9	22 9	19 1
	Gorakhpur	20 13	21 9½	23 6½	36 0	36 0	46 12¾	16 3	16 3	17 1½	21 9½	21 9½	22 8	...	...	45 0	...	...	41 6
	Basti	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Azamgarh	19 15	20 10	19 3	31 0	31 0	32 7	8 14	10 1	8 12	17 11	16 4	15 8	41 4	41 4	...	...	...	...
	Mirzapur	17 0	17 0	18 0	26 0	26 0	28 0	10 0	10 0	10 0	18 0	18 0	16 0	28 0	27 0	30 0	26 0	25 0	28
	Benares	17 5½	18 2	18 15½	27 13½	27 10	27 10½	12 7	13 0	13 9	18 11½	20 1	19 8	28 11½	28 11½	28 12	27 10	27 10	28 1
	Gházipur	19 5	18 10	22 8	28 5	28 9	32 3	10 15½	10 11	10 5	20 15½	21 3½	18 10	36 1	36 1	38 10	27 0½	27 1½	30 1
	Balia	17 0	16 4	22 8	28 12	27 8	39 12	10 0	10 0	10 0	15 0	15 0	22 8	...	...	...	...	...	...
	Pilibhít	22 3	21 12	20 8	34 5	35 0	35 0	15 8	15 0	15 0	17 0	17 2	17 0	...	...	...	...	...	...
Oudh.	Lucknow	18 11	19 9¼	20 2	28 1½	29 2	28 8	6 0	6 0	6 0	14 10¼	14 13½	15 0	27 8	27 8	29 8	25 5	25 2	24
	Unáo	19 8	20 8	20 1	28 0	28 0	25 3	12 0	12 0	8 0	16 0	16 0	14 0	...	...	26 0	...	...	23 1
	Béra Banki	19 0	19 0	20 0¾	28 0	29 0	29 0	9 0	10 0	8 0	18 0	19 0	15 0	32 0	32 0	30 0	22 0	24 0	18
	Sitapur	22 4	23 2	23 14	33 4	32 4	33 2	8 0	8 0	8 1½	19 0	19 0	15 10	22 0	23 4	...	21 0	21 4	...
	Hardui	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kheri	21 0	20 0	22 0	28 0	29 0	34 0	7 4	7 0	7 0	15 0	16 0	14 0	32 0	34 0	...	...	...	...
	Fyzabad	18 4	19 4	20 0	30 0	31 0	31 8	11 8	11 8	11 0	18 0	16 0	15 8	36 0	37 0	30 0	20 8	...	...
	Bharaich	18 0	17 0	23 0	37 0	37 0	38 0	9 0	9 0	9 0	18 0	18 0	18 0	35 0	38 0	45 0	14 0	14 0	18
	Gonda	22 1	23 8	25 0	39 0	38 12	45 0	15 4	15 12	17 0	19 4	20 0	18 0	42 8	43 0	48 0	25 0	26 0	28
	Rai Bareli	20 10	20 12	18 8	27 4	27 8	21 12	...	...	...	18 0	18 0	14 0	29 8	30 8	...	22 0	...	...
	Sultánpur	22 8	23 0	21 8	34 0	34 0	28 0	11 0	12 0	11 0	20 0	20 0	16 0	...	...	...	21 0	24 0	14
	Partábgarh	22 0	22 3	21 0	33 7	33 2	28 8	17 8	16 10	13 2	18 8	17 14	14 4	...	...	...	...	...	...
Punjab.	Delhi	18 0	17 8	19 8	24 0	24 8	26 0	...	...	...	15 0	15 0	13 0	24 0	28 8	22 8	19 0	22 0	19
	Gurgáon	19 8	18 8	19 0	25 8	27 0	25 4	...	...	...	13 0	13 0	13 0	24 0	26 0	23 0	22 0	22 0	21
	Karnál [a]	19 0	19 8	19 0	29 0	32 0	30 0	...	...	...	12 0	12 0	12 0	29 0	31 0	25 0	20 0	20 0	22
	Hissar [b]	21 0	20 0	18 12	34 0	32 0	28 0	...	...	...	10 0	10 0	10 0	36 0	36 0	25 0	29 0	29 0	22
	Rohtak [a]	20 0	21 0	18 8	28 0	25 0	27 0	...	...	...	9 0	9 0	11 0	27 0	26 0	25 0	24 0	25 0	20
	Sirsa [d]	21 12	23 0	17 0	38 8	41 0	32 0	...	...	...	14 0	14 0	12 0	44 0	45 0	26 0	33 0	33 12	22
	Umballa	23 8	25 0	19 8	33 0	36 0	27 0	...	...	...	13 0	14 0	13 0	33 0	34 0	26 0	30 0	31 0	23
	Ludhiana	25 0	26 0	19 8	37 0	38 0	30 0	...	...	...	12 0	12 0	12 0	38 0	38 0	27 0	30 0	30 0	17
	Simla	17 0	...	15 0	...	...	...	...	...	...	13 0	12 0	11 0	...	...	...	...	...	...
	Jullundur	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hoshiárpur	26 0	24 0	21 0	39 0	38 0	32 0	...	...	...	12 0	11 0	12 0	31 0	35 0	24 0	20 0	20 0	16
	Kangra	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Mandua—Present 36 seers, past 5 seers, and corresponding 22 seers.

[a] Price of wheat, barley, jowar and gram rising.

[b] Price of wheat, barley, and salt falling.

DIA FOR THE 1st HALF OF MAY 1882—*continued.*

SEERS OF 80 TOLAHS.

Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Millets, Ragi, (Kavaru, Veragu, Cawee, Cheena, Coraloo, Marhwa, Nuglee), *Panicum Miliaceum, &c.* Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Gram. Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Firewood. Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Districts.	Provinces.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A.	Rs. A.	Rs. A.	S. Ch.	S. Ch.	S. Ch.					
									per maund.										
...	...	...	15 0	17 8	17 0	108 0	108 0	108 0	3 4	...	...	12 0	12 0	8 8	Sylhet				Assam.
...	...	...	14 8	16 0	14 8	80 0	80 0	64 0	3 8	...	...	10 10	9 2	8 10	Cachar				
...	...	...	20 0	16 0	12 0	120 0	120 0	120 0	3 8	...	...	10 2	10 2	8 0	Goálpárá				
...	...	...	8 0	8 0	6 8	160 0	160 0	160 0	5 6	...	...	6 6	6 6	5 5	Gáro Hills				
...	...	...	14 0	13 0	13 0	200 0	200 0	200 0	3 8	...	...	11 8	10 8	8 0	Kámrúp				
...	...	...	8 11	9 3	7 9	160 0	160 0	160 0	4 8	...	...	8 0	8 0	7 0	Darrang				
...	...	...	8 0	8 0	8 0	120 0	120 0	100 0	5 0	...	...	8 0	8 0	8 0	Nowgong				
...	...	...	10 0	10 0	8 0	80 0	80 0	120 0	4 8	...	...	8 8	8 8	6 8	Sibságar				
...	...	...	11 0	11 0	10 0	120 0	120 0	80 0	5 0	...	...	8 0	8 0	7 0	Lakhimpur				
...	...	...	10 0	10 0	...	...	...	...	5 8	...	...	7 4	7 4	5 5	Khási & Jaintiá Hills				
...	...	...	2 0	2 0	3 0	120 0	120 0	120 0	15 0	...	...	2 11	2 11	2 8	Nága Hills				
									S. Ch.	S. Ch.	S. Ch.								
...	...	...	24 0	23 0	20 0	160 0	160 0	160 0	11 0	11 0	10 0	10 8	10 8	9 8	Dehra Dún				N. W. Provinces.
...	...	...	25 3½	27 6½	21 1	150 8	150 8	129 0	12 6	12 6	10 12	12 1	11 13½	10 3	Saháranpur				
...	...	...	23 10	25 5	22 0	132 0	132 0	132 0	12 6	11 8	9 14	12 2	11 2	...	Muzaffarnagar				
...	...	...	23 0	23 0	21 0	110 0	110 0	110 0	11 8	11 8	10 0	11 0	11 0	9 8	Meerut				
...	...	...	23 0	24 8	22 0	120 0	120 0	140 0	11 8	11 8	10 4	...	...	...	Bulandshahr				
...	...	...	...	...	...	...	...	...	...	...	...	No return received			Aligarh				
...	...	...	13 0	13 8	12 8	200 0	200 0	200 0	7 0	8 0	7 0	6 0	6 0	6 0	Kumaun				
...	...	...	9 0	9 0	10 0	320 0	320 0	320 0	8 0	8 0	8 0	7 0	7 0	7 0	Garhwál				
...	...	...	22 0	22 8	20 4	135 0	135 0	135 0	...	...	...	11 8	10 4	9 14	Bijnor				
...	...	...	21 14	21 14	19 6	162 8	125 0	125 0	12 11	12 10½	...	12 8	12 8	10 10	Moradabad				
...	...	...	19 3	21 0	22 12½	192 0	192 0	192 0	10 8	...	...	9 9½	...	...	Budaun				
...	...	...	20 0	21 4	20 10	125 0	125 0	137 8	11 14	11 6½	...	11 4	10 10	9 11	Bareilly				
...	...	...	21 12	22 4	20 8	200 0	200 0	160 0	11 8	12 0	10 0	11 0	11 8	9 6	Sháhjáhánpur				
...	...	...	17 8	19 0	19 0	120 0	120 0	120 0	...	...	...	...	...	...	Tarái Pergunnahs				
...	...	...	22 0	23 0	20 0	140 0	120 0	100 0	13 14	11 4	10 0	12 1	11 0	10 0	Muttra				
...	...	...	21 0	22 0	19 8	100 0	110 0	100 0	13 0	13 0	10 0	12 8	12 8	10 8	Agra				
...	...	...	22 3½	22 14½	21 13	156 8	156 8	156 8	11 14½	11 9	10 3	11 5	10 14	...	Farukhabad				
...	...	...	22 8	22 0	17 8	160 0	160 0	160 0	10 8	...	...	10 0	10 0	9 4	Mainpuri				
...	...	...	25 8	26 8	19 8	120 0	120 0	120 0	10 8	10 8	10 0	10 0	9 8	10 0	Etáwah				
...	...	...	22 0	23 0	20 0	140 0	140 0	140 0	12 0	12 0	11 0	11 0	11 0	11 8	Etah				
...	...	...	33 0	33 0	23 0	140 0	140 0	120 0	12 0	12 0	...	11 0	11 0	10 0	Jalaun				
...	...	...	31 7	31 8	26 9	200 0	200 0	200 0	11 14	11 8	9 0	11 3	11 0	8 8	Jhánsi				
...	...	...	34 0	34 0	33 8	180 0	200 0	200 0	12 0	12 0	...	11 8	11 8	9 0	Lalitpur				
...	...	...	26 8	27 8	23 0	150 0	150 0	165 0	12 8	12 12	...	12 4	12 8	10 8	Cawnpore				
...	...	...	25 4	26 4	21 0	200 0	200 0	200 0	9 10	9 10	...	9 6	9 6	9 4	Fatehpur				
...	...	...	32 8	35 0	23 8	160 0	160 0	200 0	12 5	...	...	12 0	12 0	10 8	Bánda				
...	...	...	28 0	30 4	23 2	140 0	160 0	155 0	12 0	12 0	...	11 0	10 0	...	Allahabad				
...	...	...	30 0	28 0	22 8	140 0	140 0	140 0	12 0	...	...	11 4	11 0	10 6	Hamírpur				
...	...	...	26 13	28 4	26 13	169 8	169 8	141 10	9 11	9 2	...	9 9	8 15	8 15	Jaunpur				
...	...	...	32 6½	32 6½	39 9½	160 0	160 0	120 0	11 13	...	...	9 9½	9 9½	8 6½	Gorakhpur				
...	...	...	...	...	...	...	...	...	...	...	...	No return received			Basti				
...	...	...	23 10	23 10	26 9	147 8	147 8	131 8	9 3	10 8	7 12	8 0	9 4	8 2	Azamgarh				
...	...	...	25 0	25 0	21 0	100 0	100 0	100 0	8 8	9 0	9 0	8 0	7 8	8 0	Mirzapur				
...	...	...	24 15	26 0	25 8	120 0	140 0	120 0	11 4	11 4	...	9 9	9 9	9 4	Benares				
...	...	...	27 0½	23 13½	28 15	129 0	103 0	154 8	10 7½	...	...	9 13	9 10	7 12	Gházipur				
...	...	...	28 12	27 8	32 8	88 0	88 0	120 0	9 8	...	...	9 6	...	...	Balia				
...	...	...	20 4	23 8	21 1	150 0	150 0	150 0	12 0	12 0	12 0	11 4	11 4	11 4	Pilibhít				
...	...	...	22 10¼	23 3½	20 8	120 0	117 8	120 0	9 8	9 8	9 8	9 0	9 0	9 0	Lucknow				Oudh.
...	...	...	26 8	26 0	19 15	160 0	160 0	160 0	...	...	...	9 0	9 0	9 0	Unáo				
...	...	...	24 0	26 0	23 0	130 0	130 0	120 0	12 0	10 0	10 0	9 8	9 8	9 0	Bára Banki				
...	...	...	23 0	23 0	23 6	160 0	160 0	160 0	11 8	...	...	10 8	9 0	9 0	Sitapur				
...	...	...	...	...	...	...	...	...	...	...	...	No return received			Hardui				
...	...	...	20 0	20 0	27 0	200 0	200 0	200 0	9 8	9 8	10 0	10 0	10 0	11 0	Kheri				
...	...	...	25 12	26 0	23 12	120 0	120 0	120 2	9 8	9 0	9 0	8 8	8 8	8 8	Fyzabad				
...	...	...	27 0	26 0	26 0	160 0	160 0	160 0	...	...	...	9 0	8 4	8 4	Bharaich				
...	...	...	28 14	30 4	28 4	240 0	240 0	200 0	11 4	11 4	...	11 0	11 0	9 4	Gonda				
...	...	...	21 8	21 4	17 8	160 0	160 0	160 0	...	...	...	9 0	8 8	8 4	Rai Bareli				
...	...	...	30 0	30 0	22 8	160 0	160 0	160 0	11 8	10 12	9 12	11 4	10 8	9 8	Sultánpur				
...	...	...	25 4	26 12	20 4	200 0	200 0	200 0	10 0	10 0	10 0	9 0	9 0	9 0	Partábgarh				
...	...	...	22 0	22 4	20 8	85 0	85 0	90 0	12 8	12 8	...	12 0	12 0	11 8	Delhi				Punjab.
...	...	...	22 0	22 8	20 8	140 0	140 0	120 0	12 0	12 0	...	12 0	12 0	10 0	Gurgáon				
...	...	...	24 8	26 0	23 0	160 0	160 0	160 0	11 12	11 12	...	11 8	11 8	11 0	Karnál				
...	...	...	29 8	29 8	20 0	80 0	80 0	100 0	12 8	12 8	...	12 0	11 8	10 4	Hissar				
...	...	...	25 0	25 0	23 8	100 0	100 0	100 0	10 10	10 10	...	10 0	9 3	10 8	Rohtak				
...	...	...	33 2	35 12	26 0	120 0	120 0	120 0	12 8	11 8	...	12 0	11 0	9 0	Sirsa				
...	...	...	28 0	30 0	22 12	130 0	130 0	160 0	13 8	13 8	...	13 8	13 8	11 12	Umballa				
...	...	...	30 8	32 0	23 8	100 0	100 0	100 0	14 9	14 6	...	14 8	14 4	12 0	Ludhiána				
...	...	...	20 0	21 0	17 0	90 0	90 0	90 0	10 12	10 12	...	10 1	10 1	9 0	Simla				
...	...	...	...	...	...	...	...	...	...	...	...	No return received			Jullundur				
...	...	...	30 0	29 0	23 0	100 0	100 0	120 0	16 0	14 0	...	15 0	13 8	11 8	Hoshiárpur				
...	...	...	...	...	...	...	...	...	...	...	...	No return received			Kangra				

[c] Price of wheat and bajra rising; salt, barley, and jowar falling.

[d] Price of salt falling; wheat, barley, jowar, bajra, and gram rising.

PRICES CURRENT OF FOOD-GRAINS THROUGH INDIA

QUANTITIES PER RUPEE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Punjab—*continued.*	Amritsar [a]	23 8	24 4	21 0	49 0	49 0	31 8	...	...	...	12 8	12 8	11 8	34 4	33 4	21 8	25 8	25 8
	Siálkot	23 8	23 0	17 8	39 0	40 0	27 8	...	...	...	16 0	16 0	13 0	28 0	28 0	18 0	24 0	23 0
	Gurdáspur	32 0	32 0	23 0	38 0	35 0	30 0	...	...	...	16 0	16 0	14 0	28 0	28 0	19 0	14 0	14 0
	Lahore	23 0	23 0	19 0	40 0	39 0	29 0	...	...	...	10 0	10 0	10 0	30 0	35 0	23 0	26 0	26 0
	Ferozepore [b]	21 4	22 0	19 0	38 0	40 0	28 0	...	...	...	11 0	13 0	10 0	37 0	38 0	...	36 0	32 0
	Gujránwála [c]	21 4	21 4	18 4	36 0	38 8	32 0	...	...	...	12 0	12 0	9 0	30 0	30 0	20 0	20 0	20 0
	Ráwalpindi	17 12	19 8	13 0	31 0	33 0	23 0	...	...	...	13 0	9 8	6 8	30 0	26 0	18 0	25 0	23 12
	Jhelum [d]	20 0	19 0	15 4	29 0	28 0	23 0	...	...	...	10 0	8 0	8 0	26 0	28 0	18 0	23 0	23 0
	Gujrát	26 0	23 0	18 4	40 0	39 8	30 0	...	...	...	12 0	12 0	8 0	21 0	21 0	20 0	29 0	29 0
	Shahpúr	20 0	19 0	15 0	32 0	31 8	22 8	...	...	...	12 0	12 0	10 0	21 0	22 0	17 0	20 0	20 0
	Mooltan [e]	18 0	16 8	13 4	27 0	26 0	21 0	...	...	...	10 0	10 0	8 0	24 0	21 0	13 0	24 0	24 0
	Jhang [f]	21 0	19 0	15 8	28 0	30 0	22 0	...	...	...	10 0	10 0	9 0	16 0	18 0	14 0	16 0	22 0
	Montgomery	23 0	22 0	15 0	30 0	32 0	20 0	...	...	...	5 8	5 8	5 0	30 0	32 0	...	24 0	24 0
	Muzaffargarh [g]	19 0	19 0	15 8	28 0	28 0	22 0	...	...	...	5 0	5 0	5 0	20 0	20 0	13 0	20 0	20 0
	Dera Ismail Khan	18 9	18 7	13 8	33 1	32 12	23 10	...	...	...	8 12	8 12	7 8	30 0	25 5	15 0	24 6	22 13
	Dera Gházi Khán	18 12	17 8	15 0	26 4	26 4	21 4	...	...	...	7 8	7 8	6 4	22 8	23 2	20 0	25 0	24 6
	Bannu	25 0	23 2	16 4	41 4	47 8	27 8	...	...	...	10 10	10 0	6 4	27 8	27 8	15 0	20 0	20 0
	Pesháwar	16 10	13 14	10 0	34 8	37 0	21 8	...	...	...	9 8	9 8	6 0	26 0	24 4	14 1	14 0	14 0
	Kohát	13 11	13 11	10 3	31 14	28 0	22 15	...	...	...	12 12	12 2	7 0	21 10	20 6	14 10	19 2	16 9
	Házára	...	...	13 0	34 0	32 0	25 0	...	...	...	...	14 0	6 8	32 0	30 0	17 0	...	...
Central Provinces.	Nágpur	17 4	19 4	22 0	...	...	...	8 8	8 8	9 12	16 0	17 4	16 0	24 12	28 12	30 0	...	...
	Bhandára	22 0	24 8	25 4	...	...	...	11 4	9 12	9 12	21 4	20 8	17 0	24 12	23 8	24 0	...	...
	Chánda	16 0	22 0	24 0	...	...	...	...	...	...	12 8	16 0	15 8	32 8	30 0	34 0	...	...
	Wardha	21 8	21 8	25 4	...	...	...	8 12	8 12	9 4	12 12	12 12	15 4	34 0	34 0	29 15	...	...
	Bálaghát	25 0	26 0	25 0	...	...	...	17 8	17 8	15 0	26 0	26 0	25 0	...	...	...	...	...
	Jubbulpore	19 0	20 0	24 0	26 0	21 0	27 0	11 8	12 0	11 8	18 0	17 0	21 0	23 0	26 0	40 0	18 0	18 8
	Saugor	22 8	24 0	30 0	...	...	31 0	8 0	8 0	8 0	10 0	10 0	11 0	...	32 0	...	...	26 0
	Damoh	26 8	28 0	36 8	...	...	39 0	12 12	12 12	13 4	13 12	13 12	14 8	...	...	...	...	...
	Seoni	24 0	24 0	26 8	...	...	...	13 8	13 8	12 8	19 8	18 0	15 8	...	...	...	...	...
	Mandla	28 8	27 0	28 8	...	...	...	16 0	16 0	16 0	19 0	22 8	22 8	...	...	...	...	...
	Betúl	18 8	18 0	24 0	...	...	...	9 0	7 0	12 0	10 0	10 0	13 0	24 0	20 0	40 0	...	...
	Chhindwára	22 0	22 0	22 0	...	...	...	9 0	10 0	10 0	14 0	14 0	14 0	28 0	28 0	30 0	...	...
	Hoshangabad	15 8	18 0	19 2	...	...	...	4 8	4 0	4 6	11 4	11 4	10 4	27 0	24 0	34 0	22 10	27 0
	Narsinghpur	19 0	20 4	23 0	...	...	...	10 0	9 8	11 0	13 8	13 0	12 0	...	...	50 0	...	...
	Nimár	18 0	18 0	20 0	...	...	...	...	...	...	11 8	12 8	11 4	29 7	33 11	40 0	25 5	31 8
	Raipur	31 8	38 0	42 0	...	...	...	21 8	22 4	17 0	38 0	42 0	29 8	...	...	...	...	...
	Sambalpur	28 0	27 0	22 0	...	...	...	36 0	38 0	30 0	52 0	52 0	43 0	...	...	...	...	...
	Biláspur	54 0	50 0	64 0	...	...	...	36 0	40 0	30 0	63 0	49 0	56 0	...	...	...	...	...
British Burma.	*Arakan Division.*																	
	Akyab	No return received																
	Northern Arakan																	
	Kyoukpyoo																	
	Sandoway																	
	Pegu Division.																	
	Rangoon town and Hanthawaddy																	
	Tharrawaddy																	
	Prome																	
	Irrawaddy Division.																	
	Henzada																	
	Bassein																	
	Thonegwa																	
	Thayetmyo																	
	Tenasserim Division.																	
	Moulmein town and Amherst																	
	Tavoy																	
	Mergui																	
	Toungoo																	
	Shwaygyin																	
	Salween																	
Hyderabad Assigned Districts.	Secunderabad	16 12	17 12	15 15	...	...	...	7 2	7 2	7 2	9 13	9 13	10 3	24 14	24 14	22 10	27 0	27 0
	Bolarum	18 12	19 5	18 1	...	...	...	7 6	7 12	8 1	9 8	9 5	9 9	27 0	28 4	25 11	...	...
	Chudderghat	15 0	15 4	9 0	...	...	...	6 8	6 8	6 0	8 8	8 8	9 0	26 0	27 0	21 0	34 0	34 0
	Amráoti	17 0	18 0	22 0	11 0	11 0	10 0	8 0	8 0	8 0	10 0	10 0	10 0	28 0	29 0	37 0	26 0	26 0
	Akola	18 0	19 0	23 0	...	...	...	8 0	8 0	8 0	11 0	11 0	12 0	28 0	40 0	40 0	23 0	27 0
	Ellichpur	14 0	15 8	21 0	12 0	12 0	12 0	6 0	6 0	8 0	8 0	8 0	10 0	22 0	22 0	30 0	21 0	21 0
	Buldána	20 0	20 0	26 0	...	...	...	...	...	...	11 0	11 0	11 0	32 0	32 0	42 0	30 0	30 0
	Wun	16 0	16 0	18 0	...	...	...	7 8	7 8	7 8	10 8	10 8	11 0	32 0	32 0	36 0	...	...
	Básim	20 0	22 0	26 8	...	...	...	5 4	5 8	5 0	12 0	13 0	13 8	33 0	34 0	48 0	...	...

[a] Price of wheat and gram rising, jowar falling.
[b] Price of wheat, barley, rice and salt rising.
[c] Price of barley rising.
[d] Price of wheat, barley and gram falling.

INDIA FOR THE 1st HALF OF MAY 1882—*continued.*

SEERS OF 80 TOLAHS.

Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Other Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murwa, Nugreel, *Panicum Miliaceum*, &c. Present fortnight.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of 1881.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of 1881.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of 1881.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of 1881.	Districts.	Provinces.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
...	...	...	33 4	33 4	22 8	85 0	85 0	90 0	14 14	14 14	...	14 6	14 6	12 6	Amritsar	Punjab—*continued.*
...	...	...	28 0	26 0	17 12	140 0	140 0	140 0	15 0	14 8	...	14 8	14 0	12 8	Siálkot	
...	...	...	33 0	33 0	22 0	120 0	120 0	120 0	13 4	13 0	...	12 8	12 8	11 0	Gurdáspur	
...	...	...	31 0	31 0	20 0	80 0	80 0	80 0	15 0	15 0	...	14 0	14 0	11 0	Lahore	
...	...	...	33 0	33 0	23 0	70 0	70 0	80 0	13 4	13 8	...	13 0	13 8	11 8	Ferozepore	
...	...	...	27 8	27 8	17 12	95 0	95 0	95 0	15 4	15 4	...	15 0	15 0	12 4	Gujránwála	
...	...	...	24 4	22 14	15 0	100 0	80 0	40 0	14 8	14 0	...	14 4	13 12	11 4	Ráwalpindi	
...	...	...	25 0	24 0	17 0	90 0	90 0	90 0	16 0	16 0	...	15 8	15 8	13 0	Jhelum	
...	...	...	26 0	24 8	18 0	100 0	100 0	100 0	...*	...*	...	15 0	15 0	12 10	Gujrát	
...	...	...	23 0	24 0	17 0	320 0	320 0	320 0	17 0	17 0	...	16 0	16 0	14 0	Shahpúr	
...	...	...	23 8	22 0	17 8	90 0	90 0	80 0	13 12	13 8	...	13 8	13 0	12 0	Mooltan	
...	...	...	21 8	21 0	18 0	200 0	200 0	200 0	14 8	14 8	...	13 12	14 0	12 8	Jhang	
...	...	...	29 0	28 0	20 0	200 0	200 0	200 0	11 4	11 4	...	10 4	10 4	10 8	Montgomery	
...	...	...	21 0	20 0	15 0	100 0	100 0	100 0	...*	...*	...	13 0	12 0	11 8	Muzaffargarh	
...	...	...	25 8	23 13	20 6	100 0	100 0	100 0	55 0	56 4	...	53 0	54 0	48 5	Dera Ismail Khán	
...	...	...	25 0	25 0	20 0	100 0	100 0	125 0	27 8	25 0	...	25 0	22 8	25 0	Dera Ghází Khán	
...	...	...	28 7	29 1	26 14	80 0	80 0	80 0	100 0	100 0	...	80 0	80 0	80 0	Bannu	
...	...	...	19 0	17 0	15 6	91 0	91 0	61 0	55 4	57 3	...	53 0	54 8	39 8	Pesháwar	
...	...	...	14 15	18 8	15 4	76 8	102 0	76 8	97 0	97 0	...	86 0	86 0	74 0	Kohát	
...	...	...	18 0	...	10 8	140 0	140 0	120 0	...	...	...	12 0	11 0	9 0	Házára	
...	...	...	23 8	24 12	25 0	150 0	150 0	120 0	11 4	11 4	10 8	11 0	11 0	10 4	Nágpur	Central Provinces.
...	...	...	31 4	34 4	29 0	...	...	...	11 0	10 0	10 8	10 8	9 12	10 0	Bhandára	
...	...	...	27 8	36 0	23 0	360 0	360 0	360 0	...	...	...	11 0	11 0	9 0	Chánda	
...	...	...	22 12	22 12	23 4	135 0	135 0	135 0	10 12	10 12	10 12	10 8	10 8	10 8	Wardha	
...	...	...	35 0	35 0	34 0	275 0	275 0	275 0	10 0	10 8	...	10 0	10 0	9 8	Bálaghát	
...	...	...	30 0	35 0	33 0	120 0	130 0	140 0	11 4	10 0	...	11 0	9 8	8 12	Jubbulpore	
...	...	...	29 0	30 0	39 0	160 0	160 0	160 0	9 0	8 8	...	8 12	8 4	7 12	Saugor	
...	...	...	39 0	39 0	46 0	200 0	200 0	200 0	9 0	8 8	7 4	8 12	8 4	7 0	Damoh	
...	...	...	30 0	29 0	35 0	220 0	220 0	200 0	9 0	7 0	5 0	8 8	6 8	4 12	Seoni	
...	...	...	50 0	57 8	55 0	256 0	256 0	256 0	...	...	...	8 0	7 8	5 8	Mandla	
2 0	32 0	35 8	20 0	20 0	32 0	240 0	240 0	240 0	9 8	9 8	9 8	9 0	9 0	9 0	Betúl	
5 8	18 8	25 8	27 0	28 0	30 0	200 0	200 0	200 0	9 0	9 0	9 0	8 0	8 0	9 0	Chhindwára	
0 0	20 0	20 0	23 4	27 0	32 0	160 0	160 0	120 0	7 14	8 2	...	7 0	7 0	5 6	Hoshangabad	
...	...	...	31 0	35 0	44 0	160 0	160 0	160 0	9 0	8 12	6 8	8 8	8 4	6 4	Narsinghpur	
...	...	...	22 6	23 15	26 8	160 0	160 0	120 0	13 8	13 8	9 8	13 0	13 0	9 0	Nimár	
...	...	...	32 0	39 0	44 0	70 0	80 0	60 0	9 0	9 4	8 12	8 12	9 4	8 4	Raipur	
...	...	...	28 0	27 0	20 0	120 0	120 0	220 0	9 0	9 0	8 0	8 8	8 8	7 8	Sambalpur	
...	...	...	48 0	56 0	56 0	140 0	140 0	140 0	...	...	...	8 0	8 0	7 8	Biláspur	
25 0	200 0	170 0														
															Arakan Division.	British Burma.
															Akyab	
															Northern Arakan	
															Kyoukpyoo	
															Sandoway	
															Pegu Division.	
															Rangoon town and Hanthawaddy	
															Tharrawaddy	
															Prome	
															Irrawaddy Division.	
															Henzada	
...	...	...	...	...	...	...	...	...	...	...	No return received				Bassein	
															Thonegwa	
															Thayetmyo	
															Tenasserim Division.	
															Moulmein town and Amherst	
															Tavoy	
															Mergui	
															Toungoo	
															Shwaygyin	
															Salween	
7 0	27 0	...	19 7	18 13	22 3	130 0	130 0	125 0	11 0	10 14	9 2	10 7	10 6	8 12	Secunderabad	Hyderabad Assigned Districts.
...	...	...	20 4	21 14	23 12	116 14	116 14	116 14	...	...	...	10 9	10 12	9 8	Bolarum	
...	...	...	19 8	20 0	24 0	80 0	80 0	80 0	...	...	...	9 8	10 8	8 8	Chudderghat	
...	...	...	22 0	22 0	26 0	70 0	70 0	80 0	13 0	11 0	10 8	12 0	10 8	10 0	Amráoti	
0	7 0	7 8	22 0	22 0	28 0	64 0	64 0	64 0	10 0	10 0	9 0	9 0	9 0	9 0	Akola	
...	...	...	16 0	17 0	24 0	64 0	64 0	64 0	...	...	...	9 0	9 0	9 0	Ellichpur	
...	...	...	28 0	30 0	35 0	...	...	...	...	...	...	9 0	9 0	10 0	Buldána	
...	...	...	28 0	28 0	24 0	100 0	100 0	100 0	...	...	...	8 0	8 0	8 0	Wún	
...	...	...	28 0	31 0	28 8	64 0	64 0	64 0	10 0	12 0	8 12	9 0	11 0	8 8	Básim	

[e] Price of wheat, barley, jowar, gram and salt falling.
[f] Price of wheat and gram falling, barley, bajra, jowar and retail price of salt rising.
[g] Price of gram and salt falling.
* Salt not sold wholesale.

PRICES CURRENT OF FOOD-GRAINS THROUGHO

QUANTITIES PER RU

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Ba *Penicillaria Sp* Present fortnight.	Bulrush Millet. Past fortnight.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch	S. Ch	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch	S. Ch.
Mysore.	Bangalore	12 2	11 15	13 7	13 12	14 5	15 2	10 2	10 0	9 13	11 3	11 11	11 5	24 3	26 11	25 1	...	...
	Kolar	...	...	...	11 2	11 7	9 4	12 14	12 14	11 4	15 7	15 7	15 3	...	...	...	...	...
	Túmkúr	14 0	14 0	15 8	14 0	12 0	16 0	12 0	12 0	12 8	13 0	13 0	14 8	...	...	...	...	...
	Mysore	11 0	12 8	11 0	...	...	...	10 0	10 8	12 8	10 8	11 0	13 5	...	...	...	...	...
	Hassan	10 0	13 8	14 0	12 0	13 0	16 0	9 8	10 0	13 0	10 0	11 0	14 0	...	...	...	...	...
	Shimoga	14 11	14 11	14 11	15 4	15 4	16 13	10 8	10 8	13 10	12 10	12 10	16 13	27 5	27 5	48 2	...	...
	Kadur	16 0	16 0	14 0	15 0	15 0	...	10 0	12 0	18 0	13 0	15 0	19 0	...	...	...	...	...
	Chitaldroog	16 0	16 0	16 0	18 0	20 0	20 0	11 0	11 0	12 0	12 0	12 0	13 0	32 0	36 0	60 0	28 0	31 0
Coorg	Coorg	9 0	9 8	8 5	9 12	10 8	9 6	11 8	11 3	13 4	13 10	14 11	19 10	...	...	...	...	...
Rajpootana.	Jeypore	16 4	16 0	16 0	21 0	21 8	23 0	6 0	6 0	6 8	9 4	9 0	9 8	21 0	20 0	25 0	20 0	20 0
	Kishengurh	16 12	16 12	17 0	22 12	26 0	27 8	9 0	6 8	8 0	10 0	9 0	9 0	22 0	28 0	27 0	20 8	20 8
	Kerrowlee	17 8	18 0	*	21 8	21 8	*	13 8	13 8	*	15 0	15 0	*	21 8	21 0	*	18 8	18 8
	Ulwur	18 0	18 11	18 4	22 5	23 10	23 10	8 0	8 0	8 0	12 0	12 0	11 15	24 0	24 0	25 0	20 0	20 0
	Bhurtpore (City)	18 0	17 8	17 12	24 8	25 8	23 4	6 8	6 8	6 8	11 0	11 0	7 0	27 0	27 0	24 8	20 8	21 0
	Ajmere	15 8	15 8	15 8	23 0	23 0	23 0	5 0	5 0	5 0	8 0	8 0	8 0	18 0	20 0	22 0	19 0	20 0
	Deoli Cantonment	17 10	17 3	19 7	22 12	23 2	26 9	...	...	...	10 8	10 8	10 8	22 6	23 13	29 15	17 6	19 0
	Erinpura	18 1½	18 1½	17 8	32 0	32 0	27 0	...	...	...	8 0	8 0	7 12	25 0	25 0	24 0	26 6	26 6
	Sirohee	No r	eturn r	eceived	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Abu	15 12	16 4	16 12	24 0	24 0	29 8	6 8	6 0	5 9	8 0	8 0	7 12	...	...	...	17 8	18 4
	Anndra	18 0	18 0	19 4	28 0	28 0	38 0	7 0	6 8	6 0	8 8	8 8	8 8	...	...	...	20 8	21 0
	Hilly Tracts of Meywar	22 8	23 0	26 0	30 0	30 0	46 0	...	...	...	18 0	18 0	16 0	...	...	...	...	...
	Meywar (Oodeypore)	16 0¼	15 10	15 10	21 7¾	21 7¾	22 10½	10 15	11 11½	9 6	...	...	...	...	...	...	...	...
	Bánswára (Meywar Agency)	25 0	25 0	30 0	...	...	...	7 8	7 8	7 8	18 12	18 12	18 12	...	...	...	...	...
	Partábgarh („)	17 5½	19 11	20 10	...	...	...	10 15	9 1	7 8	13 7	14 6	13 12	...	...	...	...	...
	Marwar (Jodhpore)	No r	eturn r	eceived	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bikaneer	10 0	12 15	9 11	...	...	...	3 1	3 1	2 14	6 12	6 12	6 8	...	...	...	20 0	20 0
	Boondee	19 8	20 0	23 0	30 0	30 0	27 8	9 8	10 0	7 8	10 8	11 0	9 8	28 8	27 0	36 8	...	...
	Kotah	19 12	19 4	26 0	23 0	22 0	32 0	8 12	8 8	8 8	10 8	10 0	10 0	23 8	24 8	38 0	15 0	16 0
	Tonk	16 6	16 13	19 2	20 15	23 1	30 1	6 12	7 0	7 0	9 11	10 0	9 0	22 12	23 6	29 10	20 10	21 0
	Jhallawar	15 13	17 0	23 0	23 14	23 14	23 14	...	...	...	8 14	8 13½	7 12	18 9½	18 9½	30 1½	14 10	14 10
	Shahpoora	19 4	17 12	18 0	23 8	22 4	25 4	10 9	10 4	9 8	16 8	15 0	13 4	21 0	21 8	25 4	20 0	20 0
	Dholpur	18 1	18 1	16 15	24 14	25 6	20 0	10 2	10 2	7 14	12 6	12 6	12 6	22 12	23 8	29 8	21 1	22 0
Central India.	Indore	No r	eturn r	eceived	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gwalior																	
	Goona																	
	Baghelkhand (Sutna)																	

* Not received.

INDIA FOR THE 1st HALF OF MAY 1882—*concluded.*

IN SEERS OF 80 TOLAHS.

Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.			Districts.	Provinces.
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
24 5	27 0	33 8	32 4	31 3	40 0	84 0	96 0	90 0	13 0	12 12	10 8	12 12	12 4	10 0‡	Bangalore	Mysore.
30 0	30 0	37 2	34 3	34 3	45 10	172 6	172 6	172 6	13 8	13 3	11 5	13 3	12 14	11 1‡	Kolar	
27 0	28 0	48 0	36 0	38 0	49 0	340 0	340 0	340 0	10 8	12 8	12 8	10 0	12 0	12 0§	Túmkúr	
19 0	20 0	30 12	24 0	28 8	42 0	84 0	84 0	75 0	9 0	9 4	8 8	8 12	9 0	8 4‡	Mysore	
20 0	24 0	36 0	23 0	24 0	40 0	600 0	600 0	600 0	...	...	...	8 0	8 0	8 0‡	Hassan	
28 14	28 6	55 10	26 4	27 5	55 10	480 0	480 0	480 0	10 8	10 0	...	9 7	9 7	8 6‡	Shimoga	
22 0	22 0	42 0	22 0	22 0	32 0	64 0	64 0	60 0	...	...	...	8 0	8 0	9 0‡	Kadur	
37 0	37 0	57 10	24 0	30 0	48 0	100 0	100 0	100 0	12 0	12 0	12 0	12 0	12 0	12 0§	Chitaldroog	
20 13	22 2	38 5	23 7	24 15	36 10	110 0	110 0	110 0	10 10	11 2	...	9 8	9 8	8 15	Coorg	Coorg
...	...	...	19 4	20 0	19 0	...	...	...	14 5	15 0	...	13 8	14 8	11 0	Jeypore	Rajpootana.
...	...	...	23 0	24 0	26 0	...	...	...	...	...	...	16 12	16 0	12 8	Kishengurh	
...	...	...	21 8	21 8	*	...	...	...	14 6	14 6	...	13 8	14 0	*	Kerrowlee	
...	...	...	21 9	23 4	18 13	...	...	...	15 13	15 13	...	15 8	15 8	12 2	Ulwur	
...	...	...	23 0	24 0	18 0	...	...	...	14 8	14 8	...	14 0	13 8	12 4	Bhurtpore (City)	
...	...	...	23 0	24 0	21 0	70 0	70 0	60 0	...	...	...	15 4	15 0	12 0	Ajmere	
...	...	...	23 6	24 1	24 5	...	...	...	...	...	...	13 6	13 4	11 11	Deoli Cantonment	
									Rs. A. P.	Rs. A. P. per md.	Rs. A. P.					
...	...	...	21 6½	21 6½	21 0	170 0	170 0	160 0	3 1 2	3 1 2	...	12 0	12 0	11 0	Erinpura	
...	...	...	...	...	...	...	...	...	...	...	...	No return received			Sirohee	
...	...	...	19 0	20 0	18 3	160 0	160 0	160 0	3 8 0	3 12 0	...	10 8	10 8	10 8	Abu	
...	...	...	22 0	22 0	20 4	...	...	...	3 12 0	3 8 0	...	11 8	11 8	11 8	Anadra	
...	...	...	27 0	28 0	36 0	†	†	†	...	...	...	12 0	12 0	8 0	Hilly Tracts of Meywar	
									S. Ch.	S. Ch.	S. Ch.					
...	...	...	17 9¼	17 9¼	21 14	200 0	200 0	200 0	9 12¼	9 12¼	...	9 6	9 4¾	8 3¼	Meywar (Oodeypore)	
...	...	...	37 8	42 8	60 0	...	...	...	...	...	...	11 14	11 6	8 12	Bánswára (Meywar Agency)	
...	...	...	22 3	26 4	29 6	...	...	...	...	...	...	10 10	11 4	8 12	Partábgarh („)	
...	...	...	...	...	...	...	...	...	...	...	...	No return received			Marwar (Jodhpore)	
...	...	...	16 12	17 12	13 8	...	...	...	...	...	...	11 8	11 8	11 8	Bikaneer	
...	...	...	29 0	30 0	29 0	140 0	140 0	160 0	13 12	13 12	10 0	13 8	13 6	...	Boondee	
...	...	...	27 8	28 0	32 8	240 0	240 0	240 0	11 12	12 0	...	11 8	11 8	10 12	Kotah	
...	...	...	21 0	23 1	23 3	140 0	130 0	140 0	13 4	13 0	11 8	...	...	...	Tonk	
...	...	...	21 14	21 10	30 3	...	...	...	9 15	9 15	...	9 11½	9 11½	8 13½	Jhallawar	
...	...	...	22 8	22 4	22 8	160 0	160 0	160 0	14 0	14 0	10 8	14 0	...	...	Shahpoora	
...	...	...	23 4	23 8	18 8	...	...	...	12 15	12 15	10 11	12 3	12 3	10 1	Dholpur	
...	...	...	...	...	...	...	...	...	...	...	No return received				Indore Gwalior Goona Baghelkhand (Sutna)	Central India.

† Eight pies per bundle. ‡ Sea Salt. § Earth Salt.

T. C. HOPE,

Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

No. XVIII of 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 7th May 1881. Total.	Receipts for week ending 7th May 1881. Per mile open.	Total mean length open.	Receipts for week ending 6th May 1882. Total.	Receipts for week ending 6th May 1882. Per mile open.	Total Receipts from 1st April to 7th May 1881. Total.	Total Receipts from 1st April to 7th May 1881. Per mile open per week.	Total Receipts from 1st April to 6th May 1882. Total.	Total Receipts from 1st April to 6th May 1882. Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
			Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	Guaranteed.												
13th May 1882	Eastern Bengal ...	176	62,493	355	172	68,864	400	3,15,788	339	3,62,865	410	47,077	...
6th ditto ...	Oudh and Rohilkhand	547	97,852	179	547	1,23,583	226	5,81,851	201	5,98,853	213	17,002	...
6th ditto ...	Sind, Punjab & Delhi	676	1,71,576	254	676	1,65,782	245	10,11,519	283	10,17,701	293	6,182	...
6th ditto ...	Madras ...	858	1,02,905	120	858	1,38,748	162	6,10,266	134	7,16,559	162	1,06,293	...
6th ditto ...	South Indian ...	655	83,856	128	655	85,444	130	4,00,165	116	4,02,471	120	2,306	...
6th ditto ...	Great Indian Peninsula	1,448	6,89,043	476	1,447	9,24,470	639	41,68,937	545	50,64,743	681	8,95,806	...
6th ditto ...	Bombay, Baroda and Central India ...	444	2,89,458	652	461	2,77,789	603	14,79,775	631	14,12,419	596	...	67,356
	TOTAL ...	4,804	14,97,183	312	4,816	17,84,680	371	85,68,301	337	95,75,611	386	10,09,310	...
	State.												
13th May 1882	East Indian ...	1,507	8,82,168	585	1,507	8,78,637	583	44,32,960	556	46,89,613	605	2,56,653	...
6th May 1882	Calcutta and South-Eastern ...	28	2,435	87	28	2,463	88	15,472	104	15,560	108	88	...
13th ditto ...	Nalhati ...	27	1,163	43	27	1,431	53	6,305	44	7,111	51	806	...
6th ditto ...	Northern Bengal ...	231	29,595	128	233	34,060	146	151,528	124	1,88,520	157	36,992	...
13th ditto ...	Tirhoot ...	82	12,511	153	85	14,785	174	64,790	150	72,447	166	7,657	...
13th ditto ...	Patna-Gya ...	57	8,451	148	57	8,638	152	55,194	183	56,969	195	1,775	...
13th ditto ...	Muttra-Hathras ...	29	2,354	81	29	2,446	84	13,001	85	14,129	95	1,128	...
13th ditto ...	Cawnpore-Farukhabad	86	5,346	62	86	6,865	80	26,982	60	35,175	80	8,193	...
6th ditto ...	Dildarnagar-Ghazipur	12	1,227	102	12	1,470	122	5,169	81	5,737	93	568	...
13th ditto ...	Rajputana-Malwa ...	1,016	1,76,996	174	1,117	2,39,988	215	9,35,567	174	12,10,070	211	2,74,503	...
6th ditto ...	Wardha Coal ...	45	8,120	180	45	12,138	270	47,114	198	72,549	314	25,435	...
6th ditto ...	Nagpur & Chhattisgarh	66	9,345	142	98	26,433	270	35,990	103	1,20,590	239	84,600	...
6th ditto ...	Rangoon and Irrawaddy Valley ...	161	36,316	226	161	39,594	246	2,03,481	239	2,23,473	271	19,992	...
13th ditto ...	Sindia ...	70	4,523	65	75	5,833	78	23,812	64	33,870	87	10,058	...
13th ditto ...	Punjab Northern ...	363	53,674	148	397	51,803	130	3,98,193	207	3,46,819	176	...	51,374
13th ditto ...	Indus Valley and Kandahar ...	660	97,190	147	660	65,989	100	5,77,638	166	3,44,302	101	...	2,33,336
13th ditto ...	Muttra-Achneyra ...	...	...	...	23	1,165	51	...	...	5,893	50	5,893	...
	TOTAL ...	2,933	4,49,246	153	3,133	5,15,101	164	25,60,236	165	27,53,214	172	1,92,978	...
	Native States.												
6th May 1882	Bhavnagar-Gondal ...	192	19,742	103	194	31,089	160	1,15,257	113	1,55,910	156	40,653	...
6th ditto ...	Nizam's ...	121	17,039	141	121	16,983	140	91,683	143	89,946	145	...	1,737
22nd April 1882	Mysore ...	58	2,438	42	...	(a)...	...	(b)7,301	38	(c)16,763	62	9,462	...
	TOTAL ...	371	39,219	106	315	48,072	152	2,14,241	109	2,62,619	127	48,378	...
	GRAND TOTAL ...	9,615	28,67,816	298	9,771	32,26,490	330	1,57,75,738	310	1,72,81,057	342	15,05,319	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	74,14,597	146	82,94,907	164	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	83,61,141	164	89,86,150	178	6,25,009	...

(a) Return not received. (b) Total receipts from 1st to 23rd April 1881. (c) Total receipts from 1st to 22nd April 1882.

No. XIX OF 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 14th May 1881. Total.	Receipts for week ending 14th May 1881. Per mile open.	Total mean length open.	Receipts for week ending 13th May 1882. Total.	Receipts for week ending 13th May 1882. Per mile open.	Total Receipts from 1st April to 14th May 1881. Total.	Total Receipts from 1st April to 14th May 1881. Per mile open per week.	Total Receipts from 1st April to 13th May 1882. Total.	Total Receipts from 1st April to 13th May 1882. Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
			Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	Guaranteed.												
20th May 1882	Eastern Bengal ...	176	57,855	329	172	66,687	388	3,73,643	337	4,29,552	407	55,909	...
13th ditto ...	Oudh and Rohilkhand	547	99,439	182	547	1,19,957	219	6,81,291	198	7,23,625	216	42,334	...
13th ditto ...	Sind, Punjab & Delhi	676	2,50,214	370	676	1,81,301	268	12,61,733	297	12,05,726	290	...	56,007
13th ditto ...	Madras ...	858	1,28,297	150	858	1,38,540	161	7,38,563	137	8,64,025	164	1,25,462	...
13th ditto ...	South Indian ...	655	86,663	132	655	74,114	113	4,86,828	118	4,76,725	118	...	10,103
20th ditto ...	Great Indian Peninsula	1,448	7,79,146	538	1,447	9,13,939	632	49,48,083	544	59,63,995	671	10,15,912	...
13th ditto ...	Bombay, Baroda and Central India ...	444	3,00,477	677	461	2,92,349	634	17,80,252	638	17,12,185	605	...	68,067
	TOTAL ...	4,804	17,02,091	354	4,816	17,86,887	371	1,02,70,393	340	1,13,75,833	384	11,05,440	...
	State.												
20th May 1882	East Indian ...	1,507	8,66,075	575	1,507	8,68,459	576	52,99,034	559	55,14,603	596	2,15,569	...
20th ditto ...	Calcutta and South-Eastern ...	28	2,385	85	28	1,978	71	17,857	101	17,626	102	...	231
20th ditto ...	Nalhati ...	27	1,231	46	27	1,470	54	7,536	45	8,403	50	867	...
20th ditto ...	Northern Bengal ...	231	23,904	103	233	39,430	169	1,75,432	121	2,29,598	160	54,166	...
20th ditto ...	Tirhoot ..	82	14,421	176	85	11,798	139	79,211	153	84,915	162	5,704	...
13th ditto ...	Patna-Gya ...	57	8,655	152	57	8,888	156	63,849	178	65,693	188	1,844	...
20th ditto ...	Muttra-Hathras ...	29	2,363	81	29	2,548	88	15,364	84	16,677	94	1,313	...
20th ditto ...	Cawnpore-Farukhabad	86	5,490	64	86	6,812	79	32,472	60	41,988	80	9,516	...
13th ditto ...	Dildarnagar-Ghazipur	12	1,053	88	12	1,214	101	6,222	83	6,878	93	656	...
13th ditto ...	Rajputana-Malwa ...	1,016	1,86,273	183	1,117	2,14,910	192	11,21,840	176	14,37,245	209	3,15,405	...
13th ditto ...	Wardha Coal ...	45	7,882	175	45	13,654	303	54,996	195	86,203	311	31,207	...
13th ditto ...	Nagpur & Chhattisgarh	66	9,208	140	98	24,567	251	45,198	109	1,43,359	238	98,161	...
20th ditto ...	Rangoon and Irrawaddy Valley ...	161	34,512	214	161	34,646	215	2,37,993	235	2,56,783	260	18,790	...
20th ditto ...	Sindia	70	15,245	218	75	6,027	80	39,057	89	39,445	85	388	...
20th ditto ...	Punjab Northern ...	363	56,029	154	412	57,337	139	4,54,222	199	4,03,077	172	...	51,145
20th ditto ...	Indus Valley & Kandahar	660	1,46,827	222	660	62,661	95	7,24,465	174	4,12,978	102	...	3,11,487
13th ditto ...	Muttra-Achneyra ...	...	...	...	23	1,193	52	...	...	7,078	50	7,078	...
	TOTAL ...	2,933	5,15,478	176	3,148	4,89,133	155	30,75,714	167	32,57,946	170	1,82,232	...
	Native States.												
13th May 1882	Bhavnagar-Gondal ...	192	25,652	134	194	28,086	145	1,40,909	117	1,86,328	156	45,419	...
13th ditto ...	Nizam's ...	121	16,467	136	121	18,008	149	1,08,150	142	1,07,954	145	...	196
22nd Apl. 1882	Mysore ...	58	2,984	51	...	(a)...	...	(b)7,301	38	(c)16,763	62	9,462	...
	TOTAL ...	371	45,103	122	315	46,094	146	2,56,360	110	3,11,045	126	54,685	...
	GRAND TOTAL ...	9,615	31,28,747	325	9,786	31,90,573	326	1,89,01,501	313	2,04,59,427	338	15,57,926	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	88,83,705	147	98,20,525	162	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	1,00,17,796	166	1,06,38,902	176	6,21,106	...

(a) Return not received. (b) Total receipts from 1st to 23rd April 1881. (c) Total receipts from 1st to 22nd April 1882.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

ABSTRACT OF THE PROCEEDINGS OF THE COUNCIL OF THE GOVERNOR GENERAL OF INDIA, ASSEMBLED FOR THE PURPOSE OF MAKING LAWS AND REGULATIONS UNDER THE PROVISIONS OF THE ACT OF PARLIAMENT 24 & 25 VIC., CAP. 67.

The Council met at Government House, Simla, on Wednesday, the 31st May, 1882.

PRESENT:

His Excellency the Viceroy and Governor General of India, K.G., G.M.S.I., G.M.I.E., *presiding*.

His Honour the Lieutenant-Governor of the Panjáb, K.C.S.I., C.I.E.
His Excellency the Commander-in-Chief, G.C.B., C.I.E.
Major the Hon'ble E. Baring, R.A., C.S.I., C.I.E.
Major-General the Hon'ble T. F. Wilson, C.B., C.I.E.
The Hon'ble C. P. Ilbert, C.I.E.
The Hon'ble Sir S. C. Bayley, K.C.S.I., C.I.E.
The Hon'ble C. H. T. Crosthwaite.
The Hon'ble W. C. Plowden.
The Hon'ble W. W. Hunter, LL.D., C.I.E.

PANJÁB UNIVERSITY BILL.

The Hon'ble MR. ILBERT, on behalf of the Hon'ble Mr. Gibbs, moved for leave to introduce a Bill to establish and incorporate the University of the Panjáb. He said:—

"As the principles of this Bill have been long under consideration, and as its provisions will have to be carefully considered in Select Committee, I think it will suffice if, on the present occasion, I state very shortly the circumstances which have led to its introduction and the main objects at which it aims.

"It appears that, in the year 1869, the Governor General in Council sanctioned the establishment at Lahore of an institution, which was at first styled the Lahore University College, but which subsequently took the name of the Panjáb University College. This sanction was stated to have been given in accordance with the recommendations of the Lieutenant-Governor, and in part fulfilment of the wishes of a large number of the chiefs, nobles and influential classes of the Panjáb. The special objects of the Lahore University College were stated in its original Statutes to be—

"'(1) to promote the diffusion of European science, *as far as possible*, through the medium of the vernacular languages of the Panjáb; and the improvement and extension of vernacular literature generally;

"'(2) to afford encouragement to the enlightened study of Eastern classical languages and literature; and

"'(3) to associate the learned and influential classes of the Province with the officers of Government in the promotion and supervision of popular education.'

"I am reading now from the *Panjáb Government Gazette* of the 23rd of December, 1869—

"'The above are the special objects of the institution; but at the same time every encouragement will be afforded to the study of the English language and literature, and in all subjects which cannot be completely taught in the vernacular, the English language will be regarded as the medium of examination and instruction.'

"The College was to have the power of conferring, after examination, certificates of proficiency in literature and science, but was not to be a University, and was not to have the power—and has not the power—of granting degrees of the same kind as those granted by the Universities of Calcutta, Bombay and Madras. However, expectations were held out by the Government that, if the institution met with due success, it might hereafter be raised to the status of a University.

"Well, the institution grew and prospered. It received, from time to time, very large sums of money from the nobles and influential classes of the Panjáb, and it has increased in numbers and in the efficiency of its education. Under these circumstances, the Government have come to the conclusion that the institution has attained that degree of success which would warrant effect being given to the expectations held out at the time of its establishment; and it is determined, in accordance with what appears to be the almost universal wish of those natives of the Panjáb who are interested in education, to constitute a University for the Panjáb. That is the object of the Bill which I am now asking leave to introduce.

"The Bill establishes the University, and confers upon it the powers of a body corporate. It provides for the transfer to the University of all the property at present held by or in trust for the University College. It deals with the constitution of the University, and provides that the Governor General, for the time being, shall stand to it in the relation either of a patron or visitor—the exact term is not yet settled; that there shall be a Chancellor, who is to be the Lieutenant-Governor of the Panjáb for the time being, a Vice-Chancellor and a body of Fellows. These Fellows are to be of three classes—first, the holders, for the time being, of certain offices, who are to be *ex officio* Fellows; secondly, persons appointed by the Chancellor as being eminent benefactors of the Panjáb University, original promoters of the movements in favour of the Panjáb University College, or persons distinguished for attainments in literature, science or art, or by zeal in the cause of education; and, thirdly, the representatives for the time being with the Government of the Panjáb of such independent Native Chiefs as the Lieutenant-Governor may, by notification in the Gazette, specify. The Schedule to the Bill contains a list of the persons who are to be deemed to be the first Fellows appointed under the Act. Then there are provisions as to the Senate and matters connected with it. There is a power given to the Senate to appoint and remove all examiners, officers and servants of the University. The Bill empowers the Senate to confer certain degrees; but it restricts the exercise of the power to confer the degrees of Bachelor of Laws, Licentiate of Medicine, Doctor of Medicine and Master of Civil Engineering until the Governor General has given his assent to the exercise of the power. Then there is a further temporary provision enabling the Senate to confer like degrees in the case of persons who may have passed during the month of May in this year such examinations of the Panjáb University College as may correspond to the degree examinations of the Panjáb University. Finally, there is a power to the Senate to levy fees, a power to confer honorary degrees in certain cases, and a power to make bye-laws generally in all matters regarding the University.

"This is an outline of the Bill which I ask leave to introduce."

The Motion was put and agreed to.

INDIAN PORTS ACT AMENDMENT BILL.

The Hon'ble MR. ILBERT also presented the Report of the Select Committee on the Bill to exempt certain vessels from the Indian Ports Act, 1875, section 38.

PETROLEUM BILL.

The Hon'ble MR. ILBERT also moved for leave to introduce a Bill to modify temporarily certain provisions of the Petroleum Act, 1881. He said:—

"This is a temporary and provisional measure, the object of which is to meet certain unexpected difficulties which have suddenly arisen in connection with the provisions of the Petroleum Act, VIII of 1881. That Act regulates the conveyance, transport and storage of petroleum and other inflammable oils, and it draws a distinction between two kinds of petroleum—one kind which is called 'dangerous petroleum,' and another kind which I may call 'ordinary petroleum.' Then petroleum is defined in the Act as including various kinds of liquids, such as rock-oil, Rangoon-oil, kerosine, and so on; but it does not include any oil used for lubricating purposes, and having its flashing point at or above 250° of Fahrenheit's thermometer. And then follows an explanation as to what is meant by the flashing point of petroleum. The

flashing point means 'the lowest temperature at which the petroleum yields a vapour which will furnish a momentary flash or flame when tested with the apparatus and in the manner described in the schedule' of the Act, and that schedule describes elaborately the test to be applied and the mode of applying it. Then comes the definition of 'dangerous petroleum.' It is defined as meaning 'petroleum having its flashing point below 73° of Fahrenheit's thermometer.'

"Now the difficulty which has arisen is this. It appears that communications received by the Government of India by telegraph within the last two or three weeks afford ground for apprehending that petroleum which, when tested in America and elsewhere in the manner prescribed by the Petroleum Act, 1881, flashes at a point above 73° Fahrenheit may, when tested in the same manner on its arrival here, flash at a point below 73° Fahrenheit, and consequently have to be placed under the restrictions to which 'dangerous petroleum' is subject. These restrictions are of course much more stringent than those which apply to 'ordinary petroleum.' It has been suggested that this is probably due, not to any want of care on the part of those applying the test in either country, but to the difference of climate. Steps have been taken with a view to having the matter fully inquired into; but as this will take some time, and as it is but fair that importers should in the meanwhile be relieved from the hardship to which they are exposed, it is proposed for the present to exclude from the class of dangerous petroleum all petroleum covered by a certificate granted at the place of export and of such a description that, in the opinion of the Governor General, it may be accepted as proving that the petroleum it refers to, if tested at the place of export according to our method, would be found to have a flashing point above 73° Fahrenheit.

"Well, the object of the Bill is to provide temporarily, if this should be found necessary, for the admission of petroleum of this particular kind under the direction of the Governor General, pending the prosecution of further experiments as to what is the best test to apply; and as the Bill is short, I will ask the Secretary to read it to the Council."

MR. FITZPATRICK, the Secretary, having read the Bill,

The Motion was put and agreed to.

The Hon'ble MR. ILBERT also introduced the Bill. He said:—

"Perhaps I may take this opportunity of stating that the Bill is introduced to the Council at the special request of the Secretary of State. It may be necessary that it should become law within a short space of time; but I do not propose on the present occasion to apply for a suspension of the Rules of Business in order to carry the Bill through the Council now. The introduction of the Bill will place it at such a stage as will enable us to pass it into law at the earliest opportunity, should the necessity for doing so arise."

His Excellency THE PRESIDENT said:—"I think that the course which my hon'ble friend proposes to adopt is the correct one. Some representations in respect to this Bill have been made to the Government of India only quite recently—in the course of yesterday; and, although the Bill is introduced at the request of the Secretary of State, I think the circumstances are not such as to justify its being passed with the extreme rapidity which would result from the suspension of the Standing Orders of the Council. The introduction of the Bill will have brought it to such a stage as will admit of its passing, if necessary, at the next sitting of the Council. That I think will be sufficient to meet all the requirements of the case, and will give the public and the Government a somewhat longer time to consider the nature of the arrangements to be made under it."

The Hon'ble MR. ILBERT asked for leave to postpone the Motion that the Bill be taken into consideration, and the Motion that the Bill be passed.

Leave was granted.

The Council adjourned to Wednesday, the 7th June, 1882.

SIMLA;
The 31st May, 1882.

D. FITZPATRICK,
Secretary to the Government of India,
Legislative Department.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

STATISTICS OF SUGAR PRODUCTION IN INDIA.

Extract from the Proceedings of the Government of India in the Revenue and Agricultural Department,—No. 505A., dated 30th May 1882.

Read the following:—

Despatch from Her Majesty's Secretary of State for India, No. 37 (Statistics and Commerce), dated 20th March 1879, transmitting a letter from Messrs. Travers and Sons, wholesale dealers in colonial produce in London, and also an extract from the *Produce Markets Review* which contains an article on the growth of sugar in India, and requesting to be furnished with a corrected and complete statement of the present State of sugar cultivation in this country.

Despatch to Her Majesty's Secretary of State for India, No. 27, dated the 5th October 1880, explaining the delay in furnishing the required information.

Read also—

Letter from the Government of Madras, No. 865, dated 23rd July 1880, and enclosures.

Endorsement from the Government of Bombay, No. 1033-I., dated 10th December 1881, and enclosures.

Letter from the Government of Bengal, No. 160, dated 27th July 1880, and enclosures.

" " " the North-Western Provinces and Oudh, No. 419, dated 6th March 1880, and enclosure.

" " " the North-Western Provinces and Oudh, No. 768, dated 8th May 1880, and enclosure.

" " " the Punjab, No. 1332, dated 12th December 1879, and enclosure.

" " Chief Commissioner of the Central Provinces, No. 2824-144, dated 7th July 1879, and enclosure.

" " " " the Central Provinces, No. 3003, dated 10th November 1879, and enclosure.

" " " " British Burma, No. 3384-391, dated 8th November 1879, and enclosure.

" " " " Mysore, No. 369-6, dated 17th April 1880, and enclosure.

" " " " Coorg, No. 682-14, dated 2nd October 1879, and enclosure.

" " Secretary for Berar to Resident at Hyderabad, No. 88, dated 20th September 1879, and enclosure.

" " Chief Commissioner of Ajmere and Merwara, No. 921, dated 2nd November 1879, and enclosure.

Circular of Officiating Director of Agriculture and Commerce, North-Western Provinces and Oudh, No. 8A., dated 7th July 1880, and enclosures.

RESOLUTION.

The papers read in the preamble contain the replies furnished by the Local Governments to the requisition of the Government of India for statistics of sugar cultivation in the territories subordinate to them. The information thus received has been summarised in an appended statement, which exhibits the area under sugar in British India and Burma, with the average yield per acre, and the estimated value of the crop.

2. The area under sugarcane is returned at 1,922,283 acres. In addition to this, 168,262 acres are under the date palm, 14,100 acres under the palmyra palm, and 2,930 under the cocoa palm, all of which yield sugar.

3. A comparison of the returns now submitted with the figures given in an extract from the *Produce Markets Review*, to which the Secretary of State drew the attention of the Government of India in 1879, shows that in the latter the area under sugar cultivation in British India is somewhat understated. Excluding Bengal, and omitting the area under the date palm and other sugar-yielding trees, the returns furnished give 1,737,925 acres of sugarcane in British India against 1,603,383 acres shown in the *Produce Markets Review*. For

Bengal, however, the conjectural estimate of 1,400,000 acres, which that journal puts forward, is seven times in excess of the 184,258 acres at which the Government of Bengal returns the area under sugarcane. Nor is the assumption on which the estimate is based a correct one. The area of Bengal is, it is true, double that of the North-Western Provinces; but a large portion of the Province is unfitted for the production of the sugarcane, or is better fitted for the cultivation of rice, jute, and other valuable staples. The tabular statement furnished by the Local Government shows that in the great Province of Orissa less than 4,000 acres are under sugar, and in several other divisions the cultivation is equally limited. Nearly half the entire area of 184,258 acres appertains to the Patna Division, a tract which adjoins and which resembles in climatic and other conditions the North-Western Provinces.

5. No accurate statistics are available for the Native States of India; but the information before the Government of India is to the effect that very little sugarcane is grown in their territories. Rajputana and Central India are known to draw their supplies of sugar from the North-Western Provinces and the Punjab. In some parts of the Hyderabad State sugarcane is one of the staple crops, but the produce is probably not more than enough for the requirements of the population. For Mysore the returns furnished by the Chief Commissioner for 1878-79, when the Province was still under British administration, show an area of 12,694 acres under sugarcane and 29,093 acres under date palm.

6. The acreage returns for British India may be taken as approximately accurate, with the exception of those for Bengal. The absence of agricultural statistics for that Province of a reliable character has been frequently brought to notice, and is prominently mentioned in the Report of the Famine Commission. How this defect may best be remedied is a question into which His Excellency the Governor General in Council does not propose to enter into in this Resolution. It is, however, very probable that the sugar cultivation of Bengal is understated in the present returns. The estimate made by the* Famine Commissioners on the best available evidence was over one million acres, and though the data on which this estimate was framed are not given, the Commissioners had exceptional opportunities for arriving at a correct conclusion.

* Famine Commissioners' Report, Appendix I, page 40.

7. In regard to outturn less reliance is to be placed on the figures now submitted. They are avowedly estimates of average yield; and the yield depends so greatly, not only on soil and climate, but on the character and thoroughness of the cultivation, that any attempt to arrive at an average by any method short of actual appraisement of the gross outturn of a province must be open to distrust. The estimates furnished by the several Local Governments are of this imperfect nature. This partly explains the discrepancies which they exhibit. In the North-Western Provinces, where considerable attention has been paid to agricultural statistics, the estimated yield in the several districts is variously returned between 15 and 22 cwts. of sugar per acre: for the Punjab a single estimate of 19 cwts. 1 qr. is furnished. In Bengal the average, where estimated in molasses, varies from 6 cwts. to 32 cwts., and from 2 cwts. to 28 cwts. when computed in sugar. For the Bombay Presidency the average is given at 19 cwts. of sugar, though the district returns are as conflicting as those of Bengal. An average of 4½ cwts. per acre is given for the Central Provinces; but in all probability this is much below the mark. The figures supplied by the other provinces are of the same character; and they are in many cases accompanied by explanatory notes, which show that these statistics of produce should be accepted with caution. The notes attached to the Bombay returns are especially instructive, as they furnish strong evidence that the statistics of produce supplied by the village officers are much under the real truth. In the case of sugar cultivation, satisfactory estimates are exceptionally difficult to obtain, owing to the various ways in which the raw produce is disposed of. The usual process is to extract the juice by means of a simple stone or wooden mill. It is then boiled until it becomes crude or undrained sugar. If the process is carried further, the ultimate result is a small proportion of refined sugar and a large proportion of molasses. But the

greater portion of the sugar produced in India never goes beyond the unrefined stage; and in estimating the average produce it is usual to refer to sugar of this class. In some of the returns, however, where the estimate is extremely low, it is probable that the outturn in refined sugar is taken.

8. Imperfect as the information is, it is sufficient to establish the broad fact that an acre of sugar-land in India yields on an average considerably more than the 8 cwts. of unrefined sugar, at which the *Produce Markets Review* estimates the outturn. A careful memorandum has been prepared on the subject of sugar cultivation in Bengal by the firm of Messrs. Burrows, Thomson, Mylne and Company. This firm are large landowners in the district of Shahabad, and have devoted much care to improving the indigenous methods of sugar cultivation and manufacture. The Behea sugar-mill invented by them has undoubtedly proved a great success, and is gradually taking the place of the Native implement. In the memorandum alluded to $1\frac{1}{10}$ or $1\frac{1}{5}$ tons of crude sugar is stated to be the average yield of an acre of carefully cultivated land. This corresponds closely with the average of 22 cwts. given for many districts in the North-Western Provinces and Oudh, and the Government of India is inclined to think that it is as close an estimate as can be made. Though considerably less than the 2 or $2\frac{1}{2}$ tons which a sugar plantation in the West Indies is said to yield, it does not evidence such extreme inferiority in the sugarcane cultivation of this country as the *Produce Markets Review* would seem to imply. On the contrary, the cane is cultivated with considerable skill and great industry, and the profits are very considerable. Exceptional intelligence and capital are, however, engaged in the industry in the West Indian Colonies; and, apart from this, the climatic conditions of India are probably less favourable to the cane.

9. The mode of manufacture practised in India is sufficiently described in the note on the subject prepared by the Department of Agriculture in the North-Western Provinces, and in the memorandum of Messrs. Burrows, Thomson, Mylne and Company above alluded to. The Native methods of expressing the juice and manufacturing sugar are of extreme rudeness and simplicity, and in many respects inefficient and wasteful. Some improvement has, however, been effected in respect to sugar-mills; and the establishment of large sugar refineries in various parts of the country will gradually tend to better methods of manufacture. But the profits of the Native sugar-grower and manufacturer are large as it is; and crude Indian sugar, though unsaleable in the London market, finds a ready sale among the Native community. The price has risen rapidly within the last decade, as Messrs. Burrows, Thomson, Mylne and Company's memorandum shows; and in the markets of Northern India at the present date the wholesale price of undrained sugar or *gur* is Rs. $4\frac{1}{2}$ to Rs. 5 the cwt. In the returns for Bengal much higher prices than the above are shown against many districts; but in these cases, as already noticed, the produce has been returned in refined sugar, and the price of that description of sugar is given.

10. It is very difficult to arrive at the total annual production of sugar in British India. Accepting the returns of area under cane, and assuming the average yield to be somewhat under $1\frac{1}{10}$ tons of crude sugar the acre, the country has a gross production of about 2,000,000 tons. To this must be added the produce of 168,262 acres of palm trees, which may be set down at 150,000 tons. The foreign trade returns show that the supply is not equal to the demand. The quantity of Indian sugar exported to England, Ceylon, and elsewhere has considerably fallen off within the last five years, as the figures marginally noted, which give the value of the total sugar exports from Indian ports for the years 1876—81, will show. On the other hand, the sugar imports have risen from £403,556 in 1876-77 to £1,611,157 in 1880-81. The greater part of this sugar comes from Mauritius, and its consumption appears to be confined to the Bombay Presidency, where comparatively little cane is as yet grown.

	£
1876-77	925,196
1877-78	745,851
1878-79	204,360
1879-80	205,871
1880-81	311,750

11. The gross export of sugar in 1880-81 was 534,174 cwts., and the gross imports 986,321 cwts. The net import was therefore about 23,000 tons.

But as the export was confined to raw sugar, while the imports are refined sugars, the excess of the imports over the exports is greater than appears from these figures. In explanation of the dependence of India on other sugar-growing countries, it would appear that many parts of India are unfitted for the cultivation of the cane. The Bombay Presidency has to supply itself from Mauritius; and Rajputana and Central India consume the surplus produce of the North-Western Provinces and the Punjab. The increasing import and the decreasing export do not indicate the decadence of the industry in India. The area under cane has largely increasd in Upper India through the development of canal irrigation, and is reported to be extending from the same causes in Bombay. More sugar is produced in India than formerly; but the demand is much greater. Not only has the increasing prosperity of the people increased the average consumption, but sugar is now borne by rail into tracts where the cane is not cultivated, and which were formerly very scantily supplied. The profitableness of the industry is seen in the high price which the Indian cultivator can obtain for his produce; and all the evidence before the Government of India leads it to the belief that the capital invested in sugar cultivation in India is steadily increasing.

ORDER.—Ordered, that the Resolution read above be published in the Supplement to the *Gazette of India*.

APPENDIX I.

Abstract of statistics furnished in the paper read in the preamble.

Provinces.	Areas under cultivation.				Average yield of coarse sugar per acre.	Total actual produce of coarse sugar (*gur*).	Average price per cwt. of coarse sugar.	Total value in rupees.	Remarks.
	Sugarcane.	Date palm.	Palmyra.	Cocoanut.					
	Acres.	Acres.	Acres.	Acres.	cwts. qrs. lbs.	tons.	Rs. A. P.	Rs. A. P.	
Madras ...	11,598	2,847	2,448	...	14 0 0 8 1 0 1 2 0	9,382	16 0 0	30,02,240 0 0	Sugar.
	22,484	892	11,652	2,930	23 (*a*) 0 0 66 (*b*) 0 0 18 (*c*) 0 0 59 (*d*) 0 0	73,618	6 0 0	88,34,160 0 0	Jaggery.
Bombay ...	89,065	1,001	...	...	18 0 0	76,865	9 0 0	1,38,35,700 0 0	
Bengal ...	184,258	130,725	...	...	...	(*a*) 150,783 (*b*) 21,044	(*a*) 12 2 0 (*b*) 6 8 0	3,65,64,877 8 0 27,35,720 0 0	(*a*) Sugar. (*b*) Molasses.
North-Western Provinces.	920,626	...	...	...	19 2 0	871,470	5 7 5	9,52,26,253 2 0	
Oudh ...	145,829	...	...	...	20 3 0	142,119	4 6 10	1,25,83,453 2 0	
Punjab ...	412,859	...	...	...	19 1 4	398,133	6 0 0	4,77,75,960 0 0	
Central Provinces...	93,927	...	...	...	4 2 0	19,959	8 14 4	35,51,038 12 0	
Assam ...	19,785	...	...	...	9 0 0	13,325	12 6 0	32,07,937 8 0	
British Burma ...	4,206	3,704	...	...	13 1 12	2,779	10 10 0	5,90,537 8 0	
Mysore ...	12,604	20,003	...	...	23 0 13	11,128	(*c*) 20 1 10 (*d*) 7 14 3	31,15,840 0 0	(*c*) Sugar. (*d*) Jaggery.
Coorg ...	11	...	...	...	20 0 0	...	12 3 6		
Berar ...	3,269	...	...	...	12 3 6	...	13 5 0		
Ajmere ...	1,582	...	...	...	7 0 0	575	8 0 0	92,000 0 0	
TOTAL ...	1,922,283	168,262	14,100	2,930	...	1,701,180	..	23,12,05,717 8 0	

(*a*) Sugarcane.
(*b*) Palmyras.
(*c*) Date trees.
(*d*) Cocoa trees.

APPENDIX II.

Sugar production in the North-Western Provinces and Oudh.

The area under sugarcane in the North-Western Provinces and Oudh, and the annual outturn of raw sugar.

The total area under sugarcane in the North-Western Provinces and Oudh amounts to about 1,067,000 acres, the average outturn from which is not above 25 maunds of undrained sugar (*gur* or *rab*) per acre, worth about Rs. 4-8 per maund. The total value of the annual produce is therefore about 12 crores of rupees. It is believed that this is less than half what might be obtained if the pressing out of the cane-juice and its boiling were conducted on the same principles as in the English colonies of Mauritius or the West India Islands. In proof of this belief, comparison may be made between a very careful estimate of the average outturn of sugar in the Shahjahanpur district and a very low estimate of the average outturn in West Indian and Mauritius plantations; and it must be noted that, since Shahjahanpur is one of the best sugar-producing districts in these provinces, the outturn given for it is considerably in excess of the average for the whole of the provinces, while it is believed that the figures shown for West India sugar production are considerably below the average. The comparison is therefore to the advantage of these provinces, yet it is noticeable how enormous is the loss of produce and money it points to.

The smallness of the outturn on the acreage as compared with that obtained in the West Indies and Mauritius.

Comparison between the East Indian and West Indian outturn.

2. The average outturn of sugar in the Shahjahanpur district was estimated by Mr. G. Butt, Settlement Officer, in the year 1872, as follows:—

The Shahjahanpur district taken as a type of the sugar-producing area in these provinces.

The outturn of dry sugar obtained in Shahjahanpur, and the proportion it bears to the cane-juice

		Per acre.		
		Percentage on—		
	Maunds.	Cane.	Juice.	Undrained Sugar (rab).
Cane	518	...	...	..
Juice	259	50	...	...
Undrained sugar (*rab*)	55	10·6	21·2	...
or Compost (*gur*)	50	9·6	19·2	...
Dry sugar (*khand*)	15	2·9	5·8	27·2
Molasses (*shira*)	33½	6·4	12·8	61·

compared with that obtained in the West Indies and Mauritius.

Now, leaving out of account the fact that the average produce of *cane* in Mauritius or the West Indies is nearer 810 maunds per acre than 518 maunds, and assuming the outturn of cane to be the same as that in Shahjahanpur, we have the following outturn of sugar obtained from the cane by European colonists:—

	Maunds.	Per acre. Percentage on— Cane.	Juice.
Cane	518	...	..
Juice	336	65 (*instead of* 50)	...
Dry sugar (answering to *khand*)	31	6 (*instead of* 2·9)	9·2 (*instead of* 5·8)
Molasses (answering to *shira*)	10	2 (*instead of* 6·4)	2·9 (*instead of* 12·8)

The two striking points of difference are—

The two leading shortcomings in the extraction of the juice and its boiling as practised in these provinces.

(i)—The much larger amount of juice extracted from the *cane* in the West Indies than in India, which is 65 per cent. on the weight of cane instead of 50.

(ii)—The fact that the weight of dry sugar obtained is three times the weight of the molasses, while in India the molasses amount to more than twice the dry sugar. The outturn of dry sugar per acre is 16 maunds more than in these provinces, while the outturn of molasses is 23½ maunds less. Taking Rs. 10* per maund as the price of dry sugar and Rs. 1-8 per maund as the price of molasses, the loss which these provinces experience each year may be estimated at Rs. 124-12-0 per acre, or over 13 crores of rupees on the whole area under sugarcane.

The loss which these provinces sustain from imperfect manufacture

The imperfect crushing of the cane and only partial extraction of the juice

3. Taking first into consideration the loss which results from pressing the cane insufficiently and extracting less than the full quantity of juice, it is doubtful whether much improvement can be looked for, except from the introduction of expensive crushing machinery in which the canes are pressed by steam or water power instead of by human or bullock labor as at present. Up to a comparatively recent date (50 or 60 years ago) the quantity of juice expressed in the West Indies was not much above half the weight of the cane, or 50 per cent. instead of from 70 to 85 per cent. as is the case now. The improved machinery which has effected this change is costly and complicated, and requires a larger capital to work than is at the disposal of the cultivators or sugar-boilers of this country. The iron roller mill patented

* This is the price taken by Mr. Butt, but is an extremely low one.

by Messrs. Mylne and Thompson of Bihea (more particular mention of which will be made further on) does not seem to give much improvement in this direction, and the juice expressed by it has been proved in experiment not to exceed in *quantity* that expressed by a good native mill, although it is vastly superior in quality. Until, indeed, very powerful and costly machinery be used, it appears that from 50 to 55 per cent. of juice is the most that can be expected, and this amount is as a rule now extracted from the cane.

Imperfect processes of manufacture resulting in the production of molasses instead of crystallised sugar.

4. It is with regard to the loss which results from obtaining so little dry sugar as compared with molasses that most improvement may be looked for. It is certain that were the process of sugar-boiling absolutely perfect there would be no molasses at all, but the whole produce would be in dry crystallised sugar. In other words, instead of the return per acre being—

			Rs.	A.	P.
Dry sugar, 15 maunds, worth	...	...	150	0	0
Molasses, 33½ „ „	...	...	50	4	0
	Total	...	200	4	0

it would be—

Dry sugar, 40 maunds, worth	...	...	400	0	0

It is important to remember that the loss of Rs. 200 which results from molasses being formed instead of sugar is entirely due to imperfections in the boiling process. In the Mauritius and West Indies some of those imperfections have been removed by recent discoveries: others are still unremoved and hence *some* molasses are invariably formed, though their quantity only amounts to 2 per cent. on the cane juice instead of the 12·8 per cent. to which it amounts in these provinces. This is of itself sufficient to show how far native Indian sugar-boilers are behind European colonists.

The remedies of a simple character, which are advocated.

5. The notes which follow this abstract deal with the remedies of a simple nature which may be employed in this country to increase the yield of dry sugar as compared with that of molasses. It must be remembered that the good results obtained in the West Indian colonies are due in great measure to the use of expensive machinery and refining processes, and that, until these are adopted in this country, the same degree of success cannot be looked for. At the same time, it is the opinion of many men practically acquainted with the subject that a great deal of the loss in Indian sugar-boiling results from errors in the process followed which can very easily be altered, and it is with alterations of a simple and inexpensive nature that the following notes are concerned. They have no pretence to being exhaustive, and are published with the object of stimulating experiment quite as much as of affording instruction.

The two chief causes which contribute to the formation of molasses.

6. The two causes which appear to contribute most in native sugar-boiling towards the formation of molasses at the expense of crystallised sugar appear to be—

(i) the acidification of the cane-juice before it is boiled;
(ii) the overboiling of the cane-juice.

(i) The acidification of the cane-juice.

7. (i) *The acidification of the cane-juice.*—Cane-juice rapidy acidifies if exposed to the air and the warmer the air is, the more difficult it is to prevent this. Hence it is that so poor an outturn of sugar is obtained from juice which is expressed and boiled late in the season. It is important, therefore, that the raw juice should be exposed to the air as little as possible, and should be transferred to the boiling-pan with the smallest possible delay. Cutting up the cane into small pieces before pressing it (as is necessary in working with the native *kolhu*) promotes acidification, since the juice contained in each few inches of cane is more or less exposed to the air through the open ends of the pieces. By the Bihea iron roller mill the canes are pressed whole, and one cause of acidification is therefore done away with. Another cause which hastens acidification is the presence in the juice of vegetable acids, which are due in great part to the *grinding* process to which the canes are subjected in the *kolhu* instead of the clean *nip* which is sufficient to expel the cane-juice. By the trituration of the *kolhu* substances other than the cane-juice are pressed out in large quantities, while the even pressure of the roller mill drives out a much less proportion of them. Hence the juice which is expressed by the Bihea roller mill is invariably cleaner and better coloured than that expressed by the *kolhu*. But in any case it is most important that the juice should be strained through a linen cloth as soon after being pressed out as possible, and it is much recommended that the vessel into which the juice runs from the mill should be fumigated before each use by being held inverted over a burning sulphur match. This is said to give excellent results.

Causes of acidification, and remedies for them.

8. The acidification which results from exposure to the air, or the admixture of foreign substances, may to some extent be corrected by the use of alkalies, such as lime and carbonate of soda, or by clearing the juice by letting fine earth sink through it. Lime is generally employed by European sugar-boilers in the proportion of ½ per cent. on the weight of juice. The juice should be warmed after the lime has been added, but in no case heated to boiling point and the crust which rises to the surface should be removed. The action of the carbonate of soda (*sajji-matti*) which is sometimes used by native sugar-boilers is somewhat similar, but it is not to be recommended so much as lime. Cane-juice is purified by earth, by adding sifted earth to it before boiling and allowing the earth to sink through it. The juice may then be drawn off through holes in the side of the vessel, so as to avoid disturbing the earth when it has once settled.

(ii) Over' oiling of the cane-juice.

9. (ii) *Overboiling of the cane-juice.*—This is probably the chief source of the uncrystallized molasses, and is the danger most difficult to guard against. It is more or less

avoided in European factories by the use of machinery through which the cane-juice is boiled in a vacuum and the water evaporated and sugar crystals formed at a much lower temperature than is possible if the boiling-pan is exposed to the air. In default of the vacuum-pan various suggestions are made in the appended notes which are not always in unison. For instance, the use of a *deep* pan is recommended by one person of experience, while another ascribes the superior quality of Bihia sugar to the *shallow* pans which are in general use there. The best of all systems appears to be that adopted in some parts of these provinces by the wealthier sugar-boilers, in which five pans instead of one are used. The pans are arranged in a row over a long furnace, each pan being on a little lower level than the one to the right of it, and the pans decreasing from right to left in size, as well as in the heat which is applied to them. The juice is first of all poured into the largest pan, heated but slightly, and then transferred by a ladle from pan to pan down the series till it is finally concentrated in the smallest and hottest pan. This is the system still followed in some West Indian plantations, and although far inferior to the processes which have resulted from recent discoveries, is still much superior to the single boiling-pan, whether it be deep or shallow, which is used over so large a portion of these provinces.

Synopsis of the reforms proposed.

10. The modifications in the process of extracting and boiling the juice which appear therefore to be most recommended are—

(*a*) the substitution of a roller mill (such as the Bihia) for the *kolhu*, and crushing the canes in whole lengths instead of in pieces;
(*b*) greater cleanliness in all the vessels used for receiving the juice from the mill;
(*c*) fumigating with sulphur the vessel into which the juice runs from the mill;
(*d*) straining the juice;
(*e*) mixing ½ per cent. of lime with it before boiling, heating it slightly, and removing the crust which forms;
(*f*) boiling the juice in five pans instead of one.

The Bihia roller mill.

11. The Bihia mill is the most effective roller mill of all which have as yet been experimented with by this Department. Its high price (Rs. 90 to Rs. 100) has been the chief bar to its adoption hitherto, although in districts where the stone *kolhu* (costing Rs. 60) is used the difference in price is not so very great, and will be more than repaid by the saving in labor and better quality of outturn which the Bihia mill affords. The saving in labor may be put at 8 annas a day, since two men and one bullock can easily take the place of the three men, two boys, and two bullocks required to work the *kolhu*. If the mill be worked steadily for three months in the year, a saving of 8 annas a day represents a total annual saving of Rs. 45, which would in two years pay the price of the Bihia mill. The difference in the quality of produce from juice expressed by the Bihia mill and *kolhu* is so great that in the Shahabad district of Bihar (in which the Bihia mill has been bought by thousands) compost (*gur*) made from the Bihia mill juice sells in the market at from 10 to 12 per cent. more than compost made from *kolhu* juice. That these advantages are gradually becoming appreciated may be judged of from the fact that the total number of these mills now working in Upper India is considerably over 9,000.

Its advantages in saving labor,

and in giving sugar of a better quality.

12. Numerous experiments have been made to compare the working of the Bihia mill with that of the *kolhu*. The results vary very much, since the form of *kolhu* used differs a great deal in different parts of the provinces. Thus, the Bihia mill is found to work rather slower than the large *kolhu* used in the Meerut and Rohilkhund divisions, while it can easily beat the small wooden *kolhu* of the Allahabad division or the stone *kolhu* of Benares and Bihar. I subjoin the record of an experiment made by a native gentleman, Pundit Ajudhiya Parsad, of Indalpur, in the Shahjahanpur district, which is the most complete that has been received by this department:—

Results of experiment with the Bihia mill.

Description of mill.	Quantity of cane pressed.	Time taken.	Weight of waste and juice.	Refuse eliminated by straining.	Scum removed during boiling.	Quantity of undrained sugar (*rab*) which was produced.
	Mds. s. c.	Hrs.	Mds. s. c.	Mds. s. c.	Mds. s. c.	Mds. s. c.
Bihia roller mill ...	9 22 8	11	5 27 8	0 2 0	0 4 8	1 2 0
Kolhu	9 22 8	8	5 18 0	0 4 8	0 8 0	0 38 0

The results of this experiment show that the Bihia roller mill as compared with the powerful wooden *kolhu* used in the Shahjahanpur district—

(i) takes 37 per cent. more time to crush cane;
(ii) expresses 4 per cent. more juice;
(iii) gives juice containing 55 per cent. less refuse and yielding 43 per cent. less scum in boiling;
(iv) gives 10 per cent. more sugar.

If we may apply the result of this experiment to the total production of sugar in these provinces, it follows that by the substitution of the Bihea roller mills for the *kolhu* now used, the total annual produce would be increased by the value of nearly a crore and quarter of rupees.

J. B. FULLER,

June 10th, 1880. *Asst. Director, Dept. of Agriculture and Commerce.*

APPENDIX III.

Memorandum on Sugar Cultivation.

Compared with Mauritius and West Indies, the cane cultivation here is of a very primitive kind, and leaves much room for improvement. Excepting in Lower Bengal, air and light is excluded from the growing canes by the gradual growth of the leaves which are allowed to remain, as they wither and dry, thus forming a dense mass into which little sun, light, or air can penetrate. In addition to this, the soil is freely and frequently irrigated, and never dug or loosened round the roots after the cane reaches a height of about three feet.

On this side of India it is the universal custom to plant or lay the cane cuttings in plough furrows about 18 inches apart, within a few inches of the surface, and hence the dense mass of leaves referred to.

In Mauritius, where cane cultivation is conducted with the greatest care and on the best known principles, the custom is the reverse of that which obtains in India. The climate of the island is more moist, and showers more frequent than in India; yet the cane-cuttings are laid deeper in the ground, and greater care taken to protect them from heat and drought. The method is as follows :—

The surface of the field is cleaned of grass and weeds with the hoe; the weeds laid, in lines four feet apart; lines of holes are dug between the rows; each hole is about 15 inches long and 9 or 10 inches deep and wide. A 9-inch space of earth is left between each hole. These holes are carefully made of a rectangular form with perpendicular sides, the earth being laid on the rows of grass and weeds.

Three cane-cuttings are laid in each hole and covered with about two inches of finely prepared earth, mixed, if necessary, with manure. This filling is repeated as the cane grows, till a ridge is formed round the cane roots leaving the ground hollow in the spaces between the ridges. All weeds and dry leaves are carefully removed or disposed of in such a way as to admit as much light and air into the field as possible. The earth round the roots is kept clean and loose. The number of cane-cuttings planted per acre in the usual native way is 16,000 and by the Mauritius 16,500, so that a better style of cultivation is secured with no loss of space.

In Lower Bengal we have observed that the dry leaves are utilised to tie round the standing canes in small lots, thus giving support to them, and access of air and light through the field.

A small experiment on the Mauritius method has been made by us at Bihea during the past year. Though on poor sandy soil, and though we were not able in this instance to give the attention needful to secure its being carried out to our satisfaction, the improvement in the appearance of the cane is so marked that the cultivators who have seen it will not believe that it is the common "mangoo" or small cane of the country, and contend that it must be some other large jât (or species). This cane is not yet ready for crushing, and comparisons as to weight of cane, weight and quantity of gur per acre, have yet to be made. There seems to be little doubt that, if a more rational method of cane cultivation were to take the place of the primitive and careless custom which obtains so generally, a very great improvement in quality and quantity would be secured.

The sugar industry of India is domestic in all its stages. Each cultivator, who has a bit of land suitable for growing sugarcane in rotation with other crops, cultivates a little plot varying from half an acre to three acres year by year, expressing the juice and converting into gur (concrete sugar) on or near the field, and selling on the spot or in the nearest bazars, much as in England and other places each small farmer threshes his own corn for market. For the gur there is a ready sale at prices which leave a handsome profit to the cultivator, and with which no central factory could compete.

Improvements in manufacture, when suggested to the people in a suitable form, do not seem to be hopeless. The Bihea Cane Mill has been gradually introduced into their confidence and has entirely superseded the native mill in this district. Its recommendations are simplicity of construction, efficiency, portability small cost in proportion to the greater quantity and better quality of the work done, and its suitability to their domestic method of manufacture. By it the canes are passed whole between vertical rollers, while for the native mill they have to be cut into lengths varying from quarter of an inch to 18 inches. The surfaces thus exposed become at once areas of fermentation, which quickly increases with exposure to the air, and the heat of the evaporating pan causing progressive destruction of the granulating quality in the juice, the quality and appearance of the gur being also much deteriorated. The introduction and adoption of the Bihea Mill by the people of this and neighbouring districts may be taken as a practical recognition by them of the loss sustained in quality by cutting the cane into small pieces, and of the gain as regard time and cost of crushing effected by the new machine. It may also be considered a first step in the direction of substantial improvement in these particulars. This is also recognized in the bazars by the higher price given for the mill gur over that from the kolha or native machine. Marwaree

merchants from the Bombay side seem to have already become aware of the commercial value of the improvement, as they have during the last three years come in considerable numbers to this district to purchase mill gur direct from the cultivators who produce it. As a machine by which the small farmer may convert the juice of his cane into a marketable concrete sugar, the shallow open pan in use in this district is much more satisfactory, and produces a far better article than the deeper pans of the North-West Provinces and those districts in Lower Bengal where concrete is made. It is saucer-shaped and very shallow, so that the evaporation of the juice is effected with a minimum risk of over-boiling or burning. The next essential step in improvement is cleanliness. For this purpose the appliances already in the hands of the people are sufficient. We have recently paid considerable attention to this very necessary matter, and have induced some of our tenants to adopt the following method :—

1st.—To wash out carefully after each filling the "churwees" or earthen vessels which receive the juice as it runs from the mill.

2nd.—To invert them over sulphur fumes for a few minutes before again using them, thus removing the germs of fermentation.

3rd.—To strain the juice as it falls into these vessels.

4th.—To defecate the contents of the evaporating pans by adding a little castor-oil, bruised castor seeds or other substance to the boiling liquor to coagulate and bring the scum to the surface, when it is carefully removed. The result of this simple and easy addition to their usual process is everywhere a surprise to the people themselves, who seem to have no idea of the deleterious effect of dirty vessels, and consequently of a constant state of active fermentation of the contents. The improvement is so considerable as to change the appearance and greatly improve the quality of the gur.

The people now begin to see that improvement is possible by means well within their reach without in any way interfering with their domestic system of manufacture or religious prejudices, and say they are ready to supply any demand which may be made for the clarified gur thus produced.

The district of Shahabad, where these improvements are in progress, is a very small portion of the cane-growing area of India with its 250,000,000 of cultivators as estimated in the paper from the *Produce Market Review*. What is being done here indicates that, without any such revolution as would be required to supplant the domestic manufacture, very great improvement may be effected. This having been established to the acknowledged benefit of the cultivators themselves in these districts, it remains only to extend similar tuition and assistance to other cane-growing districts to bring about similar results.

With improved machinery on a small scale, if the experiment does not prove successful, it will not involve very much loss or disappointment. We have for several years been trying whether cane can be profitably purchased and worked off at a central factory. Though cane has been plentiful, the distance for carriage limited, and the cultivators our own tenants, yet the price demanded by the growers, and which they can realize by making it into gur, does not encourage a continuance of the experiment.

The Rosa Sugar Works at Shahjahanpur, though situated in a cane-growing country, have not found it advisable to make arrangements for crushing cane and making refined sugar direct from the juice. They are now buying gur in this district, some three hundred miles from their works.

In our efforts in the direction of improvement, we have endeavoured to avoid the bias of foregone conclusions, and, as far as possible, to meet an unrecognised and unexpressed want in the domestic system which we found universally prevalent around us. The progress made has therefore been necessarily tentative and slow, and the area influenced comparatively limited. But it is sufficient to show that the cultivators are ready to receive suggestions of improvement, if of such nature as to be within their means combined with the instructions and assistance needful to enable the people to carry them out. We need only mention in proof of this that, during the last seven years, the cultivators have voluntarily applied for and purchased upwards of 9,000 Bihea cane mills, their total outlay for which has amounted to not less than Rs. 6,30,000.

To ensure the successful introduction of this machine, it has been necessary to teach the purchasers how to manage and use it, and to inspire them with confidence and give assurance that repairs and renewals needed, as well as accidental breakages, would be promptly dealt with.

From the traffic returns of the East Indian Railway, we find that since 1872, when the introduction of this machine commenced, the quantity of gur exported by rail from the district of Shahabad has increased from 51,400 to 4,63,000 maunds (*i.e.* from 34,000 to 3,08,000 cwts.), or nine times as much, the average yearly increase being 1,61,000 maunds or 107,000 cwts. The price of gur from 1872 to 1876 averaged Rs. 2-15-0 per maund, the increase being an addition to the income of the cane cultivators of Rs. 4,73,000 yearly, or for the last five years Rs. 23,65,000, and during the last three years the price has advanced to an average of

Rs. 3-9-0 per maund, giving a yearly increase of Rs. 5,73,562, or during the three years a sum of Rs. 17,20,000, making a total of Rs. 40,80,000 added to the earnings of the cultivators of this district during the last eight years.

The export by rail in 1872 being 51,407 maunds and produce per acre 39 maunds (= 28½ cwts.), the area under cane for this would be 1,801 acres; the average exports by rail for the years 1877, 1878 and 1879 being 4,18,103 maunds, the same rate of produce gives 14,477 acres, and adding for local consumption and export other than by rail quarter more, the total is 18,100 acres under cane, or about 32 square miles.

As cane cannot be grown in Shahabad without irrigation, the bulk of this very considerable increase of area under cane is, as far as cultivation is concerned, doubtless due to the canals. But from a manufacturing point of view, the Bihea Cane Mill claims the credit of having enabled the increase to be worked off within the time available in each season for getting the crop ready for the market, and of having at the same time greatly improved the quality and thus attracting purchasers from Bombay and other distant markets.

The cane cultivators all confess that they could not have thus extended their cane patches had they been obliged to depend on the old native machine for working off the crops. As similar increase in rate of production may not be desirable or possible in all the cane-growing districts of India, it is needless to offer any statement as to what might be the comparative results from such increase.

A like improvement in quality is, however, quite possible without in the least interfering with the domestic methods of manufacture, and affecting, as it does, the welfare and comfort of many millions of families depending on, and devoted to, agriculture; the fact of the possibility of such an improvement merits the careful consideration of Government, as well as of private individuals interested in the welfare of the ryots.

From 1864 to 1871 the average price of gur in this district was Rs 2-8-6 per maund. The average from 1872 to 1876 was Rs. 2-15-0 per maund. From 1877 to 1879 Rs. 3-9-0 per maund, the last being an increase of Re. 1 over the first period and Rs. 10 over the second. During the present season 1879-80 the price to date is about Rs. 4 per maund, being Rs. 1-8 increase over the first period ending in 1871.

It might, therefore, be safe to assume that a permanent rise of Rs. 1-4 per maund has been obtained. Suppose the average yearly export by rail does not exceed 4,20,000 maunds, and allowing a fourth more for local consumption and exports other than by rail, the total will be 5,25,000 maunds, and Rs. 6,56,000 yearly added to the agricultural wealth of the district by improvement in manufacture only.

"Hunter's Statistical Account of Bengal" gives the area of Shahabad at 4,385 square miles; measured by area the yearly increase is Rs. 149 per square mile. "Chambers' Encyclopædia" gives the area of British India with Oudh and Berar as 8,63,035 square miles. If over the area a proportionate increase of earnings were marked out by improvement only, the sum gained would be Rs. 12,95,92,000.

The 32 square miles under cane (18,100 acres) is only ·73 of the area of the district.

We also enclose a sheet of comparative results, with notes of reference, which may be interesting and useful.

REMARKS ON THE FIGURES OF THE COMPARATIVE STATEMENT ANNEXED.

2. *Outturn of actual sugarcane per acre without leaves and succulent tops.*—The average in the best sugar-producing countries would appear to be from 25 to 30 tons per acre. In Shahabad, and probably other of the cane districts of India, the yield at present might be said to range at from 15 to 20 tons in really good seasons, and the latter return would be looked upon as very unusual.

N.B.—The Jugdispore estate outturn of cane from 9 acres of thoroughly and richly manured land (see Abstract) gave something short of 17 tons per acre; owing to the absence of canal water in June and July, and the difficulty of well irrigation, a portion of the area under cane was very inferior. However, even with thorough irrigation it is not likely that the yield would *have attained 20 tons per acre.*

3. The available data do not suggest any remark, save that it appears that the yellow cane grown in North Peru was originally imported from India, and that, whereas in India 22 to 24 lbs. of this cane will give one gallon of juice only, 11 lbs. of the same cane (presumably acclimatised) will produce a like quantity of juice in North Peru; but the gallon of juice got from the 22 lbs. gives 2 to 2¼ lbs. raw sugar, while the gallon obtained from 11 lbs. cane in Peru only yields 1·35 or 1⅓ lbs. sugar. This luxuriance is doubtless owing to richness of soil and *cheapness of guano* manure.

4. *Outturn of raw sugar per acre.*—In noted sugar-producing countries = 2½ to 3 tons per acre.

In Straits of Singapore = 3 tons per acre.

In vicinity of Calcutta = 2 tons per acre.

In Sindh (N. W. India) 1 $\frac{1}{10}$ tons per acre.

In Shahabad (Jugdispore estate experiments) $\left\{\begin{matrix} 1\frac{1}{5} \\ 1\frac{1}{10} \end{matrix}\right\}$ tons per acre.

Deductions from data 2 (outturn of actual canes) and 4 (outturn of raw sugar) per acre.

It appears from the foregoing that Shahabad (and probably all India) yields half the weight of canes per acre, and half the weight of extract or product per acre of that produce in noted sugar countries; amongst the reasons for this are doubtless the following :—

(*a*) Absence of natural moisture or thorough and continuous artificial irrigation to produce luxuriant plants.

(*b*) Absence of very high cultivation, thorough manuring, and scientific rotation to produce rich saccharine juice in luxuriant crops.

5. *Description of outturn.*—This invariably means the crude product, containing the true or actual sugar, as well as molasses.

6. *Tons of cane per ton of outturn.*—Shahabad compares very favourably with some other countries, of which the data were availabe, *e.g.*—

Barbadoes	8	tons cane per ton of extract.
Antigua	10	" "
Martinique	13	" "
Australian	15	" "
Shahabad	11	" "

Deduction.—The quality of the Shahabad cane-juice, *i.e.*, its sugar-producing power, is very fair.

7. *Pounds of actual canes per gallon of juice.*—The available data are—

	lbs.
Porto Rico (Spanish colony)	= 10·67
Peru (North)	= 11·00
Shahabad (Jugdispore estate) (1)	=124·00
Do. do. (2)	= 22·75
Do. do. (3)	= 22·50

Deduction.—The Shahabad canes are much drier than the others; that is, they contain less water. Hence, supposing a gallon of juice to be equally rich in all cases, double the weight of cane (entailing presumably double the labor) would have to be squeezed in Shahabad to give an outturn equivalent to that of Porto Rico or Peruvian canes. It will, however, be seen below that a gallon of Shahabad juice gives 25 to 50 lbs. more extract than that of some other countries.

8. *Raw sugar or extract per gallon of juice.*—The tabulated available data are—

Jamaica	1·00	lbs. per gallon.	Average =1·50
Antigua	1·00, 1·82, 2·00	" " "	
Demerara	1·40, 2·19	" " "	
Porto Rico	1·60	" " "	
North Peru	1·35	" " "	
Natal	1·82, 1·92	" " "	
Queensland	1·12, 1·50	" " "	
Shahabad	2·00, 2·25	" " "	=2·12

Deductions.—The Shahabad juice gives at least 50 lbs. more of extract or raw sugar than the average of seven other countries.

9. *Extract of cane per* 100 lbs. *of cane-juice.*—The data collected show—

Barbadoes	lbs. 18 to 21	per 800 lbs. of cane-juice.
Shahabad	" 19 to 22	" " "

Deductions.—The above figures confirm the richness of the Shahabad juice.

10. *Raw sugar or extract per* 100 lbs. *of plant canes*—

Barbadoes	13	lbs. extract per 100 lbs. canes.
Martinique	7¾	" " " "
Porto Rico	9¼	" " " "
Egypt	8½	" " " "
Queensland	8 to 9	" " " "
Shahabad	8¾ to 9¾	" " " "

The above also confirm the fair quality of the Shahabad cane-juice.

11. *Gallons of cane-juice per acre.*—Unfortunately the data are scanty, otherwise there would probably be additional proof that Shahabad sugarcane needs more moisture than it gets in order to prove luxuriant.

GENERAL REMARKS.

2. The outturn of canes per acre is half that of other countries. This can only be increased by higher cultivation, rotations, manuring and irrigation. But so long as there is an abundance of cane land which will yield an average crop, giving an amount of crude sugar or gur, returning handsome profits to the cultivator of Rs. 50 to Rs. 100 per beegha for an outlay of Rs. 20 to Rs. 25, which is equal to Rs. 80 to Rs. 150 per acre for an outlay of Rs. 32 to Rs. 38, so long will the Indian cultivator rest content with the present outturn. What makes him additionally contented is the fact that, though the outturn per acre may have remained stationary, yet the cash returns per acre, owing to rise of prices, have been increased 35 to 50 per cent. within the last ten years. Besides the cultivator, others participate in the present profit from cane cultivation as it exists, *viz.*, the landowner, who gets a higher land rent for cane crops than for other staple products; the itinerant broker or "bepari," who makes a comfortable swing by buying gur on the cultivator's field and selling it at a small profit at neighbouring bazars; and the "chini" manufacturer or refiner who supplies, with handsome profits to himself, pure refined sugars to wealthy natives, who would not touch English manufactured sugars because refined with blood and bone charcoal.

To the majority of these classes, cultivators, landowners, brokers, and refiners, the return from cane cultivation and sugar manufacture, *as it now exists*, is handsome enough to satisfy them and prevent them from, if they were individually capable, attempting any improvements: they are confirmed in their conservatism and mistakes because of the rapid rise in prices.

6. The richness of Shahabad cane-juice is confirmed by the figures. What is wanted is an increase of crop per acre, with no diminution of the richness of the juice. If there be a heavier crop, but a poorer juice, there can be no gain, but probably loss; for more work and wage is entailed in cutting, carting, squeezing, and evaporating watery cane than firm, concentrated cane. The drier the cane and more concentrated the juice, the less labor and expense in extracting.

7-8. The yellow Indian cane exported from India to Peru, compared with existing Shahabad cane, gives better results at less expenditure of cane in Peru, *e.g.*,—

	Yellow Indian cane in Peru.	Shahabad cane.
Cane per gallon of juice, lbs.	11·00	22 to 24
Extracts " " "	1·35	2·0 to 2·25

22 lbs. of cane would give 2·70 lbs. in Peru, whereas in Shahabad that gives 2·25 only.

The conclusion appears to be that the natural dryness of the Shahabad climate affects the yield of juice per pound of cane.

But this same cause concentrates the juice to such an appreciable extent, that while in Peru one gallon of juice will give of extract only 1·35 lbs. in Shahabad the yield as per data is 2·00 to 2·25; therefore excess extract per gallon of Shahabad juice= ·65 to ·90, so that it appears that while there is a very great initial saving in Peru in the weight of cane, and labor for carting or carrying and squeezing it (the cane yielding more juice than in Shahabad), yet in evaporation and concentration and saving of fuel Shahabad would seem to have a great advantage.

9. The concentration of the Shahabad juice and its greater density are confirmed by the figures in column 9 of the tabulated data.

10. Equal weights of Shahabad cane give nearly as much extract as any in the "table," except Barbadoes, which yields 4 per cent. more extracts.

Yield of cane per acre would not be increased without a more forcing system of cultivation, that is by plenty of manure and a method of irrigation which will force the plant upwards instead of as at present (with a uniform flow irrigation by submersion) tending to close in the root and keep the canes down.

The question of imported manure could not be entertained for a moment owing to its great cost. Not for many years, if ever, would it pay the Bengal cultivator to import costly manures. The manurial substances which exist ready to hand are very limited in quantity.

The question of manure might be solved by growing a luxuriant green crop on the cane fields, cutting it down and allowing it to rot and decompose on the land. The delay necessary for decomposition would probably be an objection.

In lieu of manuring, the Indian ryot knows very well the advantage of an open fallow, whereby the soil is turned up and allowed to "weather," that is, to absorb nutritious ingredients from the atmosphere. But save in rare cases, where the ryot is strong, has a number of relations or assistants, and three or four pairs of plough-bullocks, to cultivate thoroughly, he seldom finds time to take advantage of suitable opportunities for turning over the soil thoroughly.

The Indian ryot knows that sugarcane and paddy seedlings put down in lands that have been "weathered" always give much heavier and healthier crops. Irrigation also might be improved; that is by small parallel channels skirting the roots instead of a general flow of water completely submerging the field as at present.

The 28th February 1880. L. H. MYLNE.

Available data regarding Sugarcane in various countries and the manufactured products from it collected from various sources.

1	2	3	4	5	6	7	8	9	10	11
LOCALITY.	Canes per acre.	Kind of cane.	Outturn per acre.	Description of outturn.	Tons of canes per ton of outturn.	Cane per gallon of juice.	Raw sugar or extract per gallon of juice.	Extract per 100 lbs. of juice.	Extract per 100 lbs. of cane.	Gallons of juice per acre.
	T. cwt. qr.		T. cwt. qr. lbs.			lbs.	lbs.			
Barbadoes	30 0 0	.....	4 16 1 16	Muscovado	6¼	...	.....	18	16·20	
Ditto	30 0 0	.....	3 15 2 11	Ditto ...	8	...	...	18	12·60	
Ditto	30 0 0	.....	1 11 1 0	Ditto ..	20	...	.	10	5·0	
Ditto	30 0 0	.....	3 5 0 0	Ditto ...	9	...	.....	21	10·80	
			4 2 2 0							
Ditto	36 0 0	.....	2 10 0 0	Dry sugar						
			8 17 0 0	Muscovado						
Trinidad	.....	.....	2 0 0 0	Dry sugar						
				Muscovado						
Jamaica	.....	Plant canes	2 10 0 0	Ditto ...	.....	.....	1			
Antigua	12 15 0	.....	1 5 0 25	Concrete...	10	.....	1·82 1·0 2·0	.....	.....	1,550
Demerara	35 0 0 to 40 0 0	Plant canes	.....	.....	.....	.....	1·40 to 2·19			
Martinique	.....	.....	.....	.....	16¼					
Ditto and Guadaloupe	28 0 0	.....	2 5 0 0	.....	12 10	.....	.....	.....	7·75	.....
Porto Rico	35 0 0	Plant canes	2 10 0 0	and 200 gallons molasses.	.....	10·67	1·60	.....	9·21	
Ditto	.....	Rattoons .	3 0 0 0							
		Yellow cane from India	4 0 0 0							
North Peru	.....	.....	.....	.....	.....	11·0	1·35			
Natal 1876-77	.....	.....	2 5 0 0	.....	.....	.....	1·75			
Natal 1877-78	.....	.....	.....	.....	.....	.....	1·87 1·72	.....	.....	2,920
Lousianna, Missisipi, and Texas.	20 0 0 to 25 0 0	Plant canes	.....	.....	.....	.....	.....	.....	8·30	
Dominica	13 0 0	.....	0 15 1 12	.....	.....	.....	.....	2·91 to 6·24		
Egypt (Upper)	22 0 0	.....	1 3 2 18	.....	.....	.....	.....	.....	8·43	
Ditto	36 0 0	.....	3 10 0 0 1 0 0 0	Sugar molasses ...	.....	.....	1·12 1·21 1·32	.....	7·02 to 9·24	
Queensland	35 0 0 to 30 0 0	.....	3 10 0 0 3 6 0 0	Dry sugar molasses.	.....	.....				
Australian	.....	Virgin cane	3 0 0 0	.....	15	.....	1·50 1·12	.....	7·30	
Singapore (Straits of) ...	.....	.....	3 4 1 5	Undrained sugar.	.....	.....	1·62			
Calcutta (vicinity of) ...	.....	.....	2 11 3 4 1 3 1 1	Dry sugar khour molasses.	.....	.....	1·75			
North-Western Provinces*...	.....	.....	0 17 3 25 3 2 10 0							
Sindh, Kurrachee Collectorate.	.....	.....	1 2 0 0							
Do., Shekarpore .	.....	.....	0 14 2 0							
Do., Hyderabad ..	.....	.....	1 2 0 0							
Jugdispore Estate, Shahabad, 1877-78.	14 1 1	Plant canes	1 4 2 11	Gur, jaggery or rab	11¼	24	1·75	18·75 to 20·50	8·80	1,350†
Jugdispore Estate, Shahabad, 1878-79.	13 10 4	.....	1 0 1 5	Ditto ...	10¼	22¼	2·00			1,320†
Jugdispore Estate, Shahabad, 1878-79.	16 16 0	.....	1 8 0 0	Rab ...	11¼	22¼	2·25 2·00	22·50 10·00	9·70 8·35	1,675‡

* Figures not reliable.
† From 11 acres ryots' plant taken in 57 different places. From ryots' cane about 2 $\frac{1}{5}$ acres taken from rich opium land.
‡ From home grown plot of 9 acres thoroughly manured.

The 10th February 1880. L. H. MYLNE.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 6th JUNE 1882.

GENERAL REMARKS.—More or less rain has continued to fall throughout the Madras Presidency, though still insufficient in one or two places. In Coorg the rain has been too heavy for agricultural purposes. From the Mysore State also good rain is reported.

There has also been rain in the Berars and throughout the Bombay Presidency proper, and in several districts the fall has been very heavy. Indications of the monsoon are also reported from the Central Provinces, where slight rain has occurred in some districts. British Burma has continued to receive rain in almost all districts. In Assam there has been too much rain in some parts. In Bengal good rain has fallen in all districts. In the North-Western Provinces and Oudh good rain has occurred in two districts, and smaller quantities fell in most other places. In the Central India and Rajputana States showers are reported from several places. In the Punjab a little rain has occurred in three dirtricts.

Excepting one or two limited tracts, where either more rain is required or too much has fallen at once, agricultural prospects seem on the whole to be favourable throughout the Madras and Bombay Presidencies, as well as in Mysore, in Coorg, and in Berar; and ploughing and sowing are progressing. Ploughing has also commenced in the Nizam's Territories and in the Central Provinces. In Assam ploughing and sowing continue, and in one district (Sylhet) a sudden rise of the rivers is endangering the late sown rice on the lowlands. In Bengal prospects are favourable in all districts; early rice and jute have already been sown; sugarcane and indigo are doing well; and ploughing and sowing for *kharif* crops are progressing rapidly. In the North-Western Provinces and Oudh sugarcane is being irrigated in parts, and preparation of land for the *kharif* has begun in a few districts. In the Punjab the outturn of the late *rabi* crops is being garnered in some districts, and in others *kharif* operations have begun.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(June 7th)		
Bellary ...	1·05 (average of six stations).	Standing crops good; harvest paddy and sugarcane, outturn paddy below average, sugarcane average; fever and small-pox in parts.
Kurnool ...	·51 (average of ten stations).	Standing sugarcane and indigo suffering from want of water in parts; small-pox and cattle-disease in parts.
Ganjam ...	·56 (average of two stations).	Standing wet and dry crops thriving; small-pox, fever, and cholera prevalent; cattle-disease exists.
Kistna ...	·99 (average of eleven stations).	Fever, small-pox, and guinea-worm in parts; cattle-disease continues.
Chingleput (Madras) ...	·70 (average of five stations).	Standing crops good where water available, withering elsewhere; harvest paddy, yield below average; agricultural operations progressing; cholera and small-pox in parts.
Coimbatore ...	·78 (average of eleven stations).	Standing crops generally good, but *cholum* attacked by insects in parts; harvest paddy and dry grains, yield paddy below average, rest average; cholera, small-pox, and fever in parts.
Tanjore ...	·46 (average of nine stations).	Standing crops generally good; harvest chillies, outturn average.
Madura ...	·79 (average of eight stations).	Standing crops fair; fever and cholera in parts.
Malabar ...	2·82 (average of fourteen stations).	Sowing first crop nearly over in parts; small-pox, cholera, fever, and cattle-disease in parts.
Travancore ...	2·29	Ploughing and sowing progressing; fever prevalent. *General Remarks.*—General prospects good.
Bombay—(June 7th)		
Kurrachee ...	No rain	River at Kotri on 5th, 8 feet 11 inches against 10½ feet on corresponding date last year; small-pox in Kurrachee town; wheat, red rice, and *bajri* in Kurrachee 22, 40 and 36, in Dadu 32 and 40, in Tatta 24, 46 and 48, and in Jati 20, 52 and 44 lbs. per rupee, respectively.
Hyderabad ...	.....	River rising; *kharif* operations general throughout the district; hot winds with much dust still continue; nights cool; slight fever in three talukas; wheat 24, *juari* 45, *bajri* 40, red rice 34, and white rice 22 lbs. per rupee.
Ahmedabad ...	1·46	Cholera—in Virangaum 203 cases, 106 deaths, total 336 cases, 165 deaths; slight cholera in Sanand and Daskrohi; wheat 26 and *bajri* 29 lbs. per rupee.
Baroda ...	·87	Health good; *bajri* 30 and common rice 23 lbs. per rupee.
Surat ...	3·90	Preparation for cultivation continues; cholera in Surat, 1 death; *juari* 32 lbs. per rupee.
Násik ...	Heavy rain in all talukas—average fall, 4·61; maximum Igatpuri, 9·61; minimum Kalwan, 1·64.	Small-pox at Trimbak; *bajri* 33¼ and wheat 28½ lbs. per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Colaba (Bombay) ...	Rain every day, except on 1st; heavy from 2nd to 4th; rainfall of week, 18·47.	Total rainfall to date 18·61, being 16·29 above average; average abnormal temperature *nil* on 31st and 1st, 7° cool from 2nd to 4th, and 3° cool on 5th and 6th; vapour in air normal, except on 6th when it was excessive; storms on evening of 31st and from morning of 1st to morning of 4th; abnormal wind very strong from south-east from morning of 1st to morning of 3rd; wind normal on 5th and 6th; lightning on 31st, thunder and lightning on 3rd and 4th, and continued thunderstorm on the night of the 5th.
Poona ...	Rain throughout district—maximum at Junar, 6·53; minimum at Purandhar, 2·19.	*Bajri* 41¾ and *juari* 55½ lbs. per rupee, in Poona *bajri* 36¾ and *juari* 43½ lbs. per rupee.
Ahmednagar ...	3·00 to 4·00; rain fell in most parts of district.	A flight of locusts passed through Nagar and Parner talukas; *bajri*—maximum 60 lbs. in Jhamkhed, minimum 45 in Kopergaon; *juari*—maximum 84 in Jhamkhed and minimum 54 in Kopergaon
Sholapur ...	Slight rain throughout district; ·45 in Sholapur; total rainfall 1·71	Slight cattle-disease in Sholapur, Sangola, and Malsiras; cholera, 4 cases, 1 fatal in Karmalá; damage by locusts to *bagayet* crops except in Borhi and Karmala; *juari* 72 lbs. 8 tolas and *bajri* 55 lbs. 23 tolas per rupee.
Dharwar ...	Rain in all talukas—maximum at head-quarters, 5·32; minimum at Hangal, ·48.	More rain wanted in Kod and break desired in Dharwar and Bankapur talukas; sowing of *kharif* crops commenced; scarcity of drinking-water still felt in Kod; cholera and locusts disappeared; public health good; rice 22 and *juari* 54 lbs. per rupee.
Kanara ...	Karwar, 13·64; total, 14·74; Kumpta, 3·57; Sirsi, ·64; Hallial, 1·84; rain fallen throughout district.	Preparing ground and sowing monsoon crop on coast and above Ghât; sugarcane thriving; small-pox slight at Bhatkal, but continues at Sidapur and in some villages of Sirsi, 4 cases in Kumpta; fever slight in two talukas; common rice in Karwar 12 seers, in district average 13⅜ seers per rupee; weather rainy and squally.
Rajkot ...	Thunderstorm with little rain on 1st and 2nd.	Weather cloudy and oppressive; cholera in Navanagar, Gondal, Kotdasanjani, Vadia, and Jedpur; *bajri* 25 and *juari* 29 lbs. per rupee.
		General Remarks.—*Kharif* preparations in general progress; rain throughout presidency proper, heavy in several districts, ranging from 12 to 22 inches in the Konkan; scarcity of drinking-water in one taluka of Dharwar; slight cattle-disease, fever, and small-pox continue in some places; locusts in Sholapur; cholera in Sholapur, Satara, Belgaum, Ahmedabad, and parts of Kathiawar.
Bengal—(June 6th)—		
Chittagong ...	5·61; heavy showers throughout the district.	Weather hot; transplanting of autumn rice going on; prospects of crops good; prices steady; cholera and small-pox continue.
Dacca ...	4·90	Jute, rice, and sugarcane growing fast; fields wet.
24-Pergunnahs (Calcutta)	1·05	Lands being prepared for autumn and winter crops; sowing of early rice and jute progressing; prices of common rice stationary; public health generally good; cholera abating in Barripur subdivision.
Moorshedabad ...	2·11	Rain done much good; autumn crops promise well; harvesting of spring rice still going on; sporadic cases of cholera reported.
Rajshahye ...	1·44	Prospects of rice and jute promising; spring rice being harvested, outturn fair; cutting of *sesamum* begun; a few cases of cholera and fever reported.
Burdwan ...	0·83; rain heavy at Kálná and Kátwá, and slight at Rániganj.	Prospects of crops favourable; cholera increasing.
Rungpore ...	6·90	Prospects of crops favourable; public health good.
Bhagálpur ...	0·78	Ploughing going on; prospects much improved by rain; cholera abated.
Purneah ...	2·50	Prospects favourable; sowing of autumn crops progressing; public health better.
Patna ...	0·92	Sowing of rice and autumn crops going on; cholera still prevalent in Barrh and Behar subdivisions, and small-pox in the latter.
Durbhunga ...	2·28	Prospects of crops very good; cholera abating in some and increasing in other places, bad near railway.
Hazáribágh ...	2·20	Weather hot and cloudy; late rain has done much good in aiding ploughing operations; general health good, with the exception of a few cases of small-pox in the interior.
Cuttack ...	1·03	Ploughing and sowing in progress; cholera prevalent.
		General Remarks.—Good rain in all the districts during the week; prospects favourable; ploughing and sowing progressing rapidly; early rice and jute were already sown, and sugarcane, *china*, and indigo doing well; *china* ready for harvest; harvesting of spring rice continues, with fair average outturn; public health improved; cholera and small-pox generally much abated.
N. W. Provinces and Oudh—		
Benares (June 6th)	0·8 in Chandausi; 0·6 in Benares.	Heavy duststorm followed by rain on the 1st, causing considerable damage to trees and houses, weather since cloudy and close; rain appears to be imminent; sugarcane being irrigated; health of man and cattle generally good; few cases of cholera reported in the city and in pargana Narwan; markets well supplied with food-grains; prices steady.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—*contd.*		
Cawnpore (June 6th)	Average rainfall over 0·6.	Rain beneficial to sugarcane and indigo; outturn of extra crops good; fever continues; prices slightly risen.
Allahabad („ 7th)	Showers in five tahsils during the week; to-day monsoon apparently broken; heavy rain since 5 A.M., with thunder.	Great heat; clouds gathering during the last three days, which culminated in to-day's rain; cholera increasing, chiefly north of Ganges; city healthy; cattle in good health; prices rising.
Gorakhpur („ 6th)	0·8; storm and rain on the night of the 4th.	Weather sultry; cholera slightly increased; field operations progressing; prices steady.
Jhánsi („ 5th)	Occasional light showers.	Heat excessive; thunderstorm at Sadr on the 4th; prices rising; small-pox in pargana Jhánsi, health otherwise good; cattle-disease is reported from pargana Mau.
Agra („ 6th)	*Nil*	Fever and small-pox continue in city and three parganas; general health good; indigo and sugarcane being irrigated; prices stationary.
Farukhabad („ „)	High east wind last night with a little rain.	Very sultry; health of man and cattle good; prices still rising.
Bareilly („ „)	*Nil*	Sky cloudy and rain threatening; people and cattle in good condition.
Meerut („ „)	Slight rain on 3rd, with duststorm.	Weather hot, wind changing almost daily from east to west; health of man and cattle good; supplies sufficient; exports from Ghaziabad to Delhi and Sardhana to Cawnpore; prices stationary.
Kumaun („ „)	Good rain last evening.	Weather cool; measles in some places; general health good; cattle-disease continues; prices stationary.
Lucknow („ „)	0·4 at Sadr; slight shower at Maliabad.	Wind easterly, with occasional storms; prices rising; cholera is reported from the city and the interior, a fatal case occurred in the cantonment.
Rae Bareli („ 5th)	*Nil*	Heat great, wind variable—one day east, another west; heavy clouds; cholera and cattle-disease reported from three tahsils; prices rising.
Partabgarh („ 6th)	Rain fell on 1st and again on the 5th.	Field being manured for *kharif* sowings; weather cool; prices steady; cholera increasing.
Sitapur („ „)	1·2; rain on the night of the 5th; 0·2 at Biswan.	
Fyzabad („ „)	Slight rain on Sunday at Sadr.	Sugarcane being irrigated; fields for *kharif* crops under preparation; cholera reported in the interior.
		General Remarks.—Good rain in Allahabad and Kumaun, smaller quantities fell in most other districts, which have benefited indigo and sugarcane; wind variable, with occasional storms; *kharif* sowings have commenced; prices rising in Lucknow, Rae Bareli, Allahabad, Cawnpore, Jhánsi, and Farukhabad, elsewhere stationary; cholera is reported from Benares, Fyzabad, Lucknow, and Rae Bareli and is increasing in Gorakhpur, Allahabad, and Partabgarh; some small-pox in Agra and Moradabad, and cattle-disease in Kumaun and Jhánsi.
Punjab—(June 6th)		
Delhi ...	·70	Health fair; small-pox continues in city; slight rise in prices of wheat and gram.
Hissar ...	No rain	Heat intense; sporadic small-pox at Hansi; prices stationary.
Umballa ...	·40	Health fair; prices of food-grains rising, especially wheat and gram.
Jullundur ...	·10	Health good; sugarcane sown; prices rising.
Amritsar ...	No rain	Health good; grain nearly housed; prices steady.
Sialkot ...	No rain	Health good; rinderpest abating; prices falling.
Rawalpindi ...	No rain	Health good; crops being garnered; prices rising.
Lahore ...	No rain	Health good; prices stationary.
Ferozepore ...	No rain	Health good; crops being harvested; prices fluctuating.
Mooltan ...	No rain	Health good; *rabi* crops being housed; *kharif* sowings in progress; prices fluctuating.
Dera Ismail Khan ...	No rain	Health good; *kharif* sowings in progress; prices steady.
Peshawar ...	No rain	*Rabi* crops cut and removed; health good; prices fluctuating.
		General Remarks.—Rain has fallen in the Delhi, Umballa, and Jullundur districts; health of the province generally good; prices of food-grains fluctuating.
Central Provinces—		
Nagpur (June 7th)	Some rain	Weather cool and cloudy; ground being prepared for *kharif* sowings.
Jubbulpore ...	.....	Weather cloudy and oppressive, *kharif* ploughings continue; cholera and small-pox prevalent; wheat 19 and rice 12 seers per rupee.
Saugor (June 5th)	.....	Weather hot, cloudy, and stormy; land being prepared for *kharif*; prices rising; health good.
Seoni ...	·23	Weather cloudy; cholera, small-pox, and cattle-disease prevalent; prices slightly risen.
Khandwa (June 6th)	·29	Weather close and cloudy; *kharif* preparations in progress; small-pox prevalent; prices stationary; wheat 14, *juari* 22½, and rice 11½ seers per rupee.
Hoshangabad ...	Sharp shower on 5th	Weather hot and cloudy; ploughing continues; small-pox prevalent; rice 9, wheat 14½, and *juari* 22 seers per rupee.
Raipur (June 3rd)	·70	Weather cloudy, with occasional duststorms; rice sowings progressing; health good; rice 35½ seers per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Central Provinces— *contd.*		
Sambalpur (June 1st)	·45	Weather sultry, with thunderstorms; *kharif* lands being prepared; public health good; rice 52 seers per rupee. *General Remarks.*—Slight rain in most districts; weather cloudy, with indications of approaching monsoon; *kharif* ploughing general; public health improving; cholera and small-pox still prevalent in few districts; prices easy.
British Burma— (June 3rd)		
Akyab ...	1·67	Total rainfall 14·75; four fresh cases of small-pox in Akyab town; cattle-disease severe in Naaf.
Rangoon ...	2·73	Total rainfall 12·19; public health good.
Bassein ...	2·26	Total rainfall 11·83; one death from cholera in town, otherwise public health good.
Prome ...	0·70	Total rainfall 5·34; one death from cholera in Prome town and a few cases in district.
Amherst (Moulmein) ...	.....	One case of cholera in Gyaing Salween, otherwise public health good; cattle-disease continues in three townships; ploughing commenced.
Toungoo ...	2·58	Total rainfall 12·65; small-pox in town and district, otherwise public health good; slight cattle-disease in one township. *General Remarks.*—Small-pox in Toungoo; cholera in Thayetmyo, some scattered cases in a few other districts, otherwise public health good; cattle-disease in Akyab and Amherst.
Assam—(June 7th)		
Gauhati ...	1·98	Weather very hot; prospects of crops good; cholera abating.
Sylhet ...	8·50	Sudden rise of rivers jeopardises the late sown *amun* in low lands; cultivation proceeding rapidly; tea doing well; cattle-disease, cholera, and small-pox about.
Cachar ...	7·46	Weather changeable; incessant rainfall except on 5th and 6th, when the heat was very great; sowing of crops continues; common rice 26½ seers per rupee; 5 cases of cholera from Silchar, 3 from Lakhimpur, 6 from Halakhandi, and 2 from Kotgora reported.
Dibrugarh ...	1·15	Weather hot; prospects of *aus* paddy good; ploughing for *sali* paddy; cattle-disease still reported; public health good, except a few cases of small-pox in the North Lakhimpur subdivision.
Mysore and Coorg— (June 7th)		
Bangalore ...	·23	High winds prevailing and weather monsoonish; crops in good condition; prospects favourable; public health good; prices generally stationary.
Mysore ...	.....	Monsoon apparently broken very quietly; standing crops in good condition; prospects fair; prices unaltered.
Mercara ...	10·90	Monsoon set in on 2nd instant; rain in the week too heavy for agricultural operations; prospects are good; public health is good. *General Remarks.*—Rain has fallen more or less throughout the Mysore State; crops are in good condition and agricultural operations are progressing; prices are favourable; public health good; cholera decreasing in Mysore town.
Berar & Hyderabad— (June 7th)		
Amráoti ...	1·20	Ploughing operations continue; wheat 18 and *juari* 36 seers per rupee.
Akola ...	.....	Weather warm and cloudy; land under preparation.
Hyderabad (June 7th) ...	.....	Ground being prepared for coming *kharif* crops; scarcity of water and fodder is still felt in places; guinea-worm, fever, and cattle-disease prevail in a few talukas; prices of wheat 16, rice 10¼, white *juari* 21½, yellow *juari* 26¼, and *tur* 26½ seers per current sicca rupee.
Central India States— (June 7th)		
Indore ...	1·46	A good shower has fallen; health good; prices easy.
Morar (Gwalior) ...	No rain	Heat intense; health good; prices stationary.
Sutna ...	·21	Sky cloudy; health good.
Rutlam ...	.....	No report received.
Neemuch ...	·15	Cholera has disappeared; weather hot and high winds; prices rising.
Goona ...	No rain	Weather cloudy; health and prospects good.
Bhopal ...	·42	Weather hot; health good.
Agar ...	.....	Weather cloudy and hot; health good.
Nowgong ...	·38	Weather hot; public health good; small-pox prevalent.
Manpur ...	.....	Weather cloudy and hot, with occasional high wind; prices steady.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Rajputana—		
Abu (June 7th)	0·46	Close and sultry weather; slightly foggy.
Sirohi („ 4th)	.....	Tanks and wells fail; health good; high wind prevails.
Marwar („ 2nd)	.....	Plenty water in tanks and wells; health good; weather very hot; wind variable; clear sky; prices rising slowly; *rabi* crops harvested.
Meywar („ 3rd)	Slight shower	Tanks and wells fair; health good; ploughing commenced; cholera in district; weather sultry.
Harowti („ „)	Deoli, ·09; Kotah, ·05	Some deaths from vomiting and purging among workpeople at Panwar near Deoli, but disease stated not to be cholera; weather stormy, and wind generally westerly; water low; prices still rising.
Jhallawar (May 31st)	·04	Small-pox still lingering; weather sultry; tanks and wells low.
Ajmere (June 6th)	·12	Heat increasing; fever and diarrhœa.
Jeypore ...	.....	No report received.
Bhurtpore ...	.....	No report received.
Ulwur (June 6th)	.....	Health good; prices stationary; weather cooler.
Nepal—(June 2nd)		
Katmandu ...	4·58	Weather cool and cloudy; rain intermittent.

E. C. BUCK,
Secy. to the Govt. of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

BESTOWAL OF HONORARY RANK OF ASSISTANT ENGINEER ON SELECTED CIVIL UPPER SUBORDINATES OF THE PUBLIC WORKS DEPARTMENT.

Nos. 782-800G., dated 1st June 1882.

RESOLUTION—By the Government of India, Public Works Department.

The Governor General in Council has had under consideration the question of improving the social status of deserving Civil Upper Subordinates of the Public Works Department, by conferring on them some distinction similar to that enjoyed by Military Upper Subordinates. Deserving men of this latter class are rewarded by having Honorary Commissions conferred on them, but there is no corresponding distinction given to Civil Upper Subordinates. Applications, which have from time to time been received from local authorities, have led the Governor General in Council to believe that the bestowal of the Honorary rank of Assistant Engineer on deserving Civil Upper Subordinates will be highly appreciated by those on whom it is conferred; also that the hope of attaining to the position will have a good effect on the Upper Subordinate class generally. In this view it has been decided to confer the Honorary rank of Assistant Engineer on selected Civil Upper Subordinates under the following rules:—

i.—The proportion of Civil Upper Subordinates on whom the distinction of Honorary Assistant Engineer is conferred may be 6 per cent. of their total number on each list with an addition of one for any fraction. The promotions will be made by Local Governments and Administrations, but in the Military Works and Railway Branches, by the Government of India, in the Military Department, on the recommendation of the Inspector General of Military Works, and in the Public Works Department on the recommendation of the Director General of Railways.

ii.—The selections for the Honorary distinction must be confined to the grades of Sub-Engineers.

iii.—The subordinates promoted as above will be borne as substantive on the list of Upper Subordinates, and in italics on the list of Engineers of the grade to which they are appointed, with the words "Honorary rank" in the column of remarks. The promotion being

purely Honorary, and given solely with the view of improving the social status of the recipient, the pay and other allowances of Honorary Assistant Engineers will be those of their substantive Departmental rank.

The honorary promotion need not necessarily be accompanied by any change of duty.

2. Similarly, the same proportion of Civil Accountants may be selected from the 1st and 2nd grades for honorary promotion to Assistant Examiners. These promotions will be made by the Government of India on the recommendation of the Accountant General, except in Madras and Bombay, where those Governments may make the promotions.

The Governments of Madras, Bombay, Bengal, North-Western Provinces and Oudh, and the Punjab, in the Public Works Department.
The Chief Commissioners, Central Provinces, British Burma, Assam, and Coorg.
The Resident, Hyderabad.
The Agents to the Governor General for Central India, Rajputana, and Beluchistan.
The Accountant General, Public Works Department.
The Director General of Railways.
The Consulting Engineers to the Government of India for Guaranteed Railways, Calcutta, Lahore and Lucknow.

ORDER.—Ordered, that a copy of the above Resolution be forwarded to the Local Governments, Administrations and Officers marginally noted for information and guidance.

Also to the Military Department, for communication to Inspector General of Military Works.

Ordered also, that it be published in the *Gazette of India*.

W. S. TREVOR, *Colonel, R.E.*,
Secretary to the Government of India.

Printed and Published for the GOVERNMENT OF INDIA *at the* GOVERNMENT CENTRAL BRANCH PRESS, *Simla.*

The Gazette of India.

PUBLISHED BY AUTHORITY.

№ 24.] SIMLA, SATURDAY, JUNE 17, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

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SUPPLEMENT No. 24.

PART I.

Government of India Notifications, Appointments, Promotions, &c.

HOME DEPARTMENT.

NOTIFICATIONS.—PUBLIC.

Simla, the 15th June 1882.

No. 899.—His Excellency the Governor General is pleased to confer the privilege of private *entrée* to Government House upon Honorary Surgeons to His Excellency, and also upon the undermentioned gentlemen:—

(1) Moorshidzadah Jehan Kudr Mirzá Muhammad Wahid Ali, Bahadur.
(2) Shahzadah Muhammad Furrukh Shah.
(3) The Hon'ble Rai Kristo Das Pál Bahadur, C.I.E.

ESTABLISHMENTS.

The 14th June 1882.

No. 251.—Major M. M Bowie, Deputy Commissioner, 3rd Class, in the Central Provinces, to be Inspector General of Police and Prisons in those Provinces, *vice* Lieutenant-Colonel J. L. Loch, deceased.

The 15th June 1882.

No. 254.—Her Majesty has been pleased to appoint John Freeman Norris, Esquire, Q.C., Barrister-at-Law, to be a Judge of the High Court of Judicature at Fort William in Bengal, in the room of the Hon'ble Mr. Justice Pontifex.

MEDICAL.

The 15th June 1882.

No. 236.—The services of Surgeon-Major C. E. W. Bensley, lately Civil Surgeon of Nuddea, are replaced at the disposal of the Military Department.

JUDICIAL.

The 12th June 1882.

No. 825.—In exercise of the power conferred by Section 5 of Act XIV of 1874 (The Scheduled Districts Act, 1874), the Governor of Bombay in Council is pleased, with the previous sanction of the Governor General in Council, to extend so much of Section 23 of Act XIV of 1869 (The Bombay Civil Courts Act, 1869) to the Province of Sind as provides that the Subordinate Judges shall hold their Courts at such place or places as the Governor of Bombay in Council may from time to time appoint within the local limits of their respective jurisdictions.

The 14th June 1882.

No. 835.—In exercise of the power conferred by Section 5 of Act XIV of 1874 (The Scheduled Districts Act, 1874), the Chief Commissioner of Coorg is pleased, with the previous sanction of the Governor General in Council, to extend Act XV of 1873 (The North-Western Provinces and Oudh Municipalities Act, 1873), except Sections 34 and 35, to the Chief Commissionership of Coorg.

The 16th June 1882.

No. 843.—Under the provisions of Section 3, Act XXVI of 1881 (The Negotiable Instruments Act, 1881), the Governor General in Council has been pleased to appoint the following persons to perform the functions of Notaries Public under that Act:—

Babu Peary Lal Roy, B.L. „ Dinovandhu Sen, B.L.	Pleaders, Burrisal.
Munshi Abdus-Sobhan Khan Babu Ram Charan Chakravarti	„ Balasore.
„ Hari Hur Mukherjee „ Kulada Prosad Mukherjee	„ Bankoora.
„ Krista Chundra Dass	Pleader, Bishenpore.
„ Dhone Krishna Ghose, M.A., B.L. „ Jogendronath Bose, M.A., B.L.	Pleaders, Soory.
Mr. J. Dacosta Babu Mohendro Nath Banerjee	„ Bhaugulpore.
Syed Waquar Hossein	Sub-Registrar, Colgong.
Babu Sres Chandra Sen Moulvie Motaraf Ali Khan	Pleaders, Bogra.
Babu Ram Lal Mukherjee „ Indranath Banerjee	„ Burdwan.
„ Aghore Nath Chatterjee	Pleader, Culna.
„ Pran Krishto Banerjee	„ Cutwa.
„ Umesh Chundra Mukherjee	„ Ranigunge.
„ Pran Hari Lalla	Government Pleader, Chittagong.
„ Chaitanya Charan Datta	Pleader, Chittagong.
„ Jogendro Nath Banerjee	Government Pleader, Moteeharee.
Moulvie Ibrahim	Pleader, Moteeharee.
Munshi Goruk Persad	Revenue Agent, Bettiah.
Babu Nilmadhub Bose, B.A., B.L. „ Haribalabha Bose, B.A., B.L.	Pleaders, Cuttack.
„ Sarat Chandra Bose „ Trailakya Nath Bose	„ Dacca.
„ Eshwar Chunder Sen	Pleader, Manickgunge.
„ Chandra Kanta Pain, B.L. „ Mohendra Nath Banerjee, B.L.	Pleaders, Darjeeling.
„ Bishnoo Chandra Das	Pleader, Siliguri.
„ Besumbur Sirkar	„ Kurseong.
Munshi Mahomed Ali Khan Babu Mahim Chandra Ghatak	Pleaders, Dinagepore.
Munshi Behari Lall „ Fazl Kari	„ Durbhunga.
Mahomed Manir	Sub-Registrar, Rowserah.
Babu Taranath Chakravarti, M.A., B.L.	Government Pleader, Furreedpore.
„ Umesh Chandra Sen, L.L.	Pleader, Furreedpore.
„ Dwarkanath Sen	Sub-Registrar, Saidpore.
Moulvie Mazhar Imam „ Khyrat Ahmud	Pleaders, Gya.
Munshi Bany Pershad	Pleader, Jehanabad, Gya.
Moulvie Monwar Ali	Sub-Registrar, Sherghotty.
Rai Jadu Nath Mukherjee	Government Pleader, Hazaribagh.
Babu Hari Charan Mittra	Pleader, Hazaribagh.
„ Ishan Chunder Mittra „ Shib Chunder Chatterjee	Pleaders, Hooghly.
„ Kader Nath Chatterjee	Pleader, Serampore.
„ Boykantha Nath Rai	„ Jehanabad, Hooghly.
„ Upendra Chandra Mittra „ Nursing Dutt	Pleaders, Howrah.
„ Dukhina Persad Bose „ Peary Mohun Guha	„ Jessore.
„ Prio Nath Banerjee, B.L.	Government Pleader, Julpigooree.
„ Harish Chandra Das, B.L.	Pleader, Julpigooree.
„ Sarada Kumar Aykat	„ Ranchi.
„ Mohendra Nath Banerjee	Government Pleader, Maldah.
„ Janaki Nath Neogi	Pleader and Honorary Magistrate, Maldah.
„ Hungsessur Mukherjee	Government Pleader, Purulia.
„ Nanda Lal Ghose	Pleader Purulia.
„ Nobin Chunder Banerjee „ Bhoobun Chunder Banerjee	Pleaders, Midnapore.

Babu Pyari Lal Ghose	Pleader, Ghatal.
„ Khirod Nath Sing	„ Tumlook.
„ Okhil Chunder Mullick „ Dhiraj Karan	Pleaders, Monghyr.
Shah Mahomed Kasim	Sub-Registrar, Shaikparah.
Burkhurdar Hossein Khan	Sub-Registrar, Lakhiserai.
Moulvie Syet Ali Hyder	Pleader, Jamooee.
Babu Moti Lal Banerjee „ Shosi Vusan Mukherjee	Pleaders, Berhampore.
„ Upendra Sundar Thakur	Pleader, Kandi.
„ Krishna Ballau Roy	„ Jangipore.
„ Ramgati Banerjee	Sub-Registrar, Baloochar.
„ Khetter Mohan Gangooly	Pleader, Mozufferpore.
„ Preonath Mukherjee, B.A., B.L.	Government Prosecutor, Mozufferpore.
Munshi Achai Kumar	Pleader, Hajipore.
Babu Kali Sunker Guha „ Gunga Das Guha	Pleaders, Mymensingh.
„ Kylash Chundra Sircar	Pleader, Sherepore.
„ Hari Charan Guha	„ Jamalpore.
„ Tarak Chundra Guha „ Govinda Chandra Chatterjee	Pleaders, Noakholly.
„ Ram Chandra Mukherjee „ Mritanjay Roy	„ Kishnagarh.
„ Jadub Chandra Paramanik	Sub-Registrar, Santopore.
„ Tarak Govindo Moitra	Sub-Registrar, Comercolly.
„ Trailokhya Nath Mittra	Pleader, Kooshtia.
„ Jadu Nath Mazoomdar	Meherpore.
„ Ram Gopal Munshi, L.L.	Pleader, Ranighat.
„ Govind Charan, M.A., B.L.	„ Bankipore.
Moulvie Khodabaksh Khan	Government Pleader, Bankipore.
Babu Jogendra Nath Lahooree	Pleader, Pooree.
„ Mohim Chandra Joordar, B.L.	Government Pleader, Pubna.
Babu Mohim Chundra Mozumdar, L.L.	Pleader, Pubna.
„ Jadub Chundra Chowdry	„ Serajgunge.
Mr. A. deSouza Babu Bhuban Mohan Sanyal	Pleaders, Purneah.
„ Mohendra Nath Sanyal, B.A., B.L.	Government Pleader, Rampore Beauleah.
„ Hari Charan Maitra, L.L.	Pleader, Rampore Beauleah.
„ Behary Lal Sanyal	„ Nattore.
„ Shyama Mohan Chakravarti, B.L. „ Chandra Kanta Ray	Pleaders, Rungpore.
„ Durga Prosad, B.L. „ Roghubans Sahoy, B.L.	„ Chupra.
Mahomed Maheeuddin Mahomed Saeed	„ Sewan.
Babu Koylas Chandar Banerjee, M.A., B.L.	Pleader, Arrah.
„ Avinash Chandar Ghose	Government Pleader, Arrah.
Mahomed Abdurrahman	Mukhtiar, Bhubooah.
Babu Hardhan Singh	Pleader, Buxar.
Ahmed Ali Khan	„ Sasseram.
Moulvie Mustafha Buksh Khan	Sub-Registrar, Juggadispur.
Babu Ramjiban Sirkar	Pleader, Chyebassa.
„ Mohini Mohun Burdhar, B.L.	Government Pleader, Comillah.
„ Kailas Chandra Dutt, M.A., B.L.	Pleader, Comillah.
„ Doya Das Dutta	„ Brahmenberiah.
„ Grish Chandra Mukherjee „ Asutosh Mukherjee	Pleaders, Alipore.
„ Umesh Chunder Chatterjee	Sub-Registrar, Cossipore.
„ Rosick Lall Banerjee	Pleader, Baraset.
„ Peary Mohun Chatterjee	Sub-Registrar, Naihati.
„ Dwarkanath Ghose	Sub-Registrar, Joynuggur.
„ Kunja Behary Nag, B.L.	Pleader, Basirhat.
„ Bidhu Bhusan Banerjee, M.A., B.L.	„ Satkira.
„ Jogendro Chunder Mukherjee	Sub-Registrar, Maniknuggur.

POLICE.

The 16th June 1882.

No. 207.—*Appointments.*—Mr. J. C. Perreau, District Superintendent of Police, 5th Grade, in British Burma, to officiate as District Superintendent of Police, 4th Grade, with effect from the 28th March last, during the absence on furlough of Mr. W. J. Porter, or until further orders.

Mr. G. M. S. Carter, Assistant District Superintendent of Police, to officiate as District Superintendent of Police, 5th Grade, *vice* Mr. J. C. Perreau.

Mr. H. N. K. J. Davies, Inspector of Police, to officiate as Assistant District Superintendent of Police, *vice* Mr. Carter.

FORESTS.

The 14th June 1882.

No. 511*F.*—The Notification of this Department, No. 384F., dated the 8th ultimo, granting three months' privilege leave of absence to Mr. D. Brandis, C.I.E., Inspector General of Forests to the Government of India, on special duty, is hereby cancelled.

The 16th June 1882.

No. 521*F.*—Mr. B. A. Rebsch, Sub-Assistant Conservator of Forests in Oudh, is appointed to officiate, until further orders, as an Assistant Conservator of Forests of the 3rd Grade, with effect from the 1st June 1882.

A. MACKENZIE,
Secy. to the Govt. of India.

REVENUE AND AGRICULTURAL DEPARTMENT.

NOTIFICATION.—SURVEYS.

Simla, the 13th June 1882.

No. 215*S.*-71-10.—Mr. W. T. Blanford, Deputy Superintendent, Geological Survey, availed himself on the 25th April of the six months' sick leave granted in Notification No. 179, dated the 12th instant.

Consequent on his departure, Mr. F. R. Mallet is appointed to officiate as Deputy Superintendent until further orders, and Dr. O. Feistmantel to officiate as Assistant in the 1st Grade.

E. C. BUCK,
Secy. to the Govt. of India.

FOREIGN DEPARTMENT.

NOTIFICATIONS.—GENERAL.

Simla, the 14th June 1882.

No. 997 *G.G.*—The services of Colonel C. R. Blair, Bombay Infantry, are replaced at the disposal of the Military Department, with effect from the 17th June 1882.

The 16th June 1882.

No. 1013 *G.G.*—Mr. F. T. Hewson, B.C.S., Officiating Political Assistant, 1st Class, officiated as a Political Agent of the 3rd Class from the 29th April to the 24th May 1882, or such subsequent date as he was relieved of his duties as Officiating Assistant Commissioner, Ajmere.

No. 1015 *G.G.*—Major R. Bullock, M.S.C., Deputy Commissioner of Amraoti, held charge of the current duties of the office of the Commissioner of the Hyderabad Assigned Districts, in addition to his own duties, from the afternoon of the 28th March to the forenoon of the 5th April 1882.

POLITICAL.

The 16th June 1882.

No. 196 *G.P.*—Subject to the confirmation of Her Majesty's Government, His Excellency the Viceroy and Governor General in Council is pleased to recognise the appointment of Mr. Charles Sturges Lyon as Acting Consul for Denmark at Bombay.

No. 199 *G.P.*—*Erratum.*—In Foreign Department Notification No. 172 G.P., dated 24th May 1882, conferring upon Sodhi Man Singh the title of "Sardar Bahadur," *for* "Honorary Extra Assistant Commissioner" *read* "Honorary Assistant Commissioner."

C. GRANT,
Secy. to the Govt. of India.

DEPARTMENT OF FINANCE AND COMMERCE.

NOTIFICATIONS.

Simla, the 16th June 1882.

No. 1765.—Ordered, that the following correspondence regarding the supply of black writing ink of Indian manufacture for use in Government offices in Madras be published in the *Gazette of India* for general information.

R. E. HAMILTON,
for *Offg. Secy. to the Govt. of India.*

Extract from the Proceedings of the Government of Madras, Financial Department, No. 374, dated 19th May 1882.

Read the following:—

No. 182, dated 10th May 1882.

From—J. G. FERRAND, Esq., Superintendent of Stationery, Madras,

To—The Chief Secretary to the Government of Madras.

In forwarding the enclosed report from the Committee for Examining Inks, I beg to add, first, that G. D. Iyah Pillai, whose tender for black ink is recommended for acceptance, is the well-known Madras Ink-maker referred to in the correspondence noted in the margin.

G. Os. 22nd February and 27th August 1881, Nos. 308 and 1578.

2. As regards price, his rate is 6 annas per dozen papers. The last invoice price of the ink-powders received from England is 1*s.* 1*d.* per dozen. Amrita Lall Roy of Calcutta, whose ink forms the subject of the Proceedings of the Government of India, communicated in Madras Government Proceedings, 28th ultimo, No. 344, just received, is one of the tenderers to supply Madras with black ink, and he offers to do so at 8 annas 3 pies per dozen papers. Iyah Pillai's ink is preferred by the Committee to his. The Calcutta price of his ink in bottle, as stated in the Proceedings of Government of India above referred to, is Rs. 2 per dozen quarts. A dozen powders produce six quarts, and the cost of a dozen quarts of Iyah Pillai's ink, exclusive of bottles, will be 12 annas.

Report from (Major E. A. BRUCE, Deputy Assistant Commissary General; C. D. MACLEANE, Esq., Acting Sub-Secretary to the Board of Revenue; Surgeon T. K. ROGERS, M.B., F.R.C.S., Chemical Examiner; E. M. PALMER, Esq., Assistant Accountant General; and J. G. FERRAND, Esq., Superintendent of Stationery) the Committee for Examining Inks, to the Chief Secretary to the Government of Madras,—dated 10th May 1882.

With reference to G. O., 31st October 1881, No. 2100, we beg to report that the following tenders were opened, at the Stationery Office on 15th February last, for the supply of black and red inks of Indian manufacture:—

Names of Tenderers.	For black ink-powder, 3,640 dozen of 1¾ ounces each paper.		For red ink-powder, 30 ounces in papers, 1 doz. = 1 oz.		Value of Tender.	Bank's receipt for deposit as security.
	Per doz. rate.	Rs. A. P. 0 10 5	Per oz. rate.	Rs. A. P. 0 13 7		
					Rs. A. P.	Rs. A. P.
1. G. D. Iyah Pillai ...	Doz.	0 6 0	...	...	1,365 0 0	70 0 0
2. M. Narasimooloo Chetty ...	"	0 5 0	Oz.	0 2 6	1,142 3 0	64 0 0
3. Gooerdondoss Birjubookoondoss & Co.	"	0 6 6	"	...	1,478 12 0	75 0 0
4. Theagaroya Moodelly ...	"	0 6 0	Doz.	0 7 6	.....	100 0 0 Money order
5. Mr. Kelkar, Poona ...	"	0 7 0	"	...	.....	80 0 0 Calcutta Currency Notes
6. Amrita Lall Roy, Calcutta ...	"	0 8 3	"	...	.....	95 0 0

2. Narasimooloo Chetty and Theagaroya Moodelly, who alone tendered for red ink, made each a pint of his ink in our presence. The former acknowledged his powder to be fuchsine, and the latter his to be ponceau. There was thus really no tender for red ink of Indian manufacture.

3. The samples of black ink furnished with the above tenders were tried by us and tested by Dr. Rogers, Chemical Examiner, whose report on these and on the inks specified in the margin is herewith forwarded. Dr. Rogers also laid before the Committee specimens of writing executed with the various inks, which had been submitted to a considerable number of tests, showing how they had borne them. We beg to recommend the acceptance of the tender of G. D. Iyah Pillai, whose we consider to be on the whole the best of the inks tendered; and we do not think that an ink inferior to this should be supplied to public offices.

Morrell's registration black ink.
Dr. Waldie's black ink, tested under instructions demi-officially received from Government.

No. 77, dated 6th May 1882.

From—SURGEON T. K. ROGERS, M.B., F.R.C.S., F.C.S. (*London*), Chemical Examiner, Madras,

To—The Superintendent of Stationery, Madras.

As requested at the last meeting of the Committee, I have the honour to submit a brief abstract of the conclusions arrived at from the results of the various tests and trials which were for the most part shown to the Committee.

2. The two inks tendered in solution were both of excellent quality, but "Waldie's Black Writing Ink" was superior to "Morrell's Registration Ink."

3. The seven samples of inks tendered in powder are decidedly inferior in quality to "Morrell's" ink.

The results obtained with Iyah Pillai's ink were in every respect slightly superior to those obtained from the other six samples.

And Iyah Pillai's ink keeps much better than the other six samples, which grow mouldy after a very brief exposure.

Order thereon by the Government of Madras.

The Government sanction the acceptance of Iyah Pillai's tender for the supply of black ink. It is noted that there was no tender for red ink of Indian manufacture, the samples produced being merely fuchsine and ponceau powders.

No. 375.

Copy to the Government of India, Department of Finance and Commerce, for information.

No. 1733.—In exercise of the powers conferred by Section 8 of the Indian Stamp Act (I of 1879), the Governor General in Council is pleased to remit in the whole of British India the duty chargeable under the said Act on Bills of Lading executed out of British India and relating to property to be delivered in British India.

D. M. BARBOUR,

Offg. Secy. to the Govt. of India.

MILITARY DEPARTMENT.

Simla, the 16th June, 1882.

APPOINTMENTS.

No. 330.—STAFF CORPS—

The undermentioned officers are admitted to the Bengal Staff Corps, with effect from the dates specified, subject to the confirmation of the Right Hon'ble the Secretary of State for India:—

Lieutenant Robert Eyre Sullivan Taylor, Derbyshire Regiment, Officiating Wing Officer, 35th Native Infantry,—16th August, 1880.

Lieutenant Colquhoun Grant Roche Thackwell, South Yorkshire Regiment, Officiating Wing Officer, 20th Native Infantry,—23rd February, 1881.

Lieutenant Henry Bulckley Burlton Watkis, Royal Warwickshire Regiment, Officiating Wing Officer, 31st Native Infantry,—22nd April, 1881.

Lieutenant George Trenchard Pickard-Cambridge, Royal West Surrey Regiment, Officiating Wing Officer, 25th Native Infantry,—15th May, 1881.

Lieutenant Herbert Hugh Dobbie, Royal Irish Fusiliers, Officiating Wing Officer, 31st Native Infantry,—29th May, 1881.

No. 331.—PERSONAL STAFF—

His Excellency the Viceroy and Governor General has been pleased to make the following appointments on His Excellency's personal staff:—

Lieutenant *Lord* A. F. Compton, 10th Hussars, to be Aide-de-Camp, *vice* Captain C. W. Muir. Dated 1st May, 1882.

Captain C. W. Muir, Bengal S. C., to be an Extra Aide-de-Camp, *vice* Lieutenant A. W. Perry, resigned. Dated 1st May, 1882.

No. 332.—MEDICAL DEPARTMENT—

Brigade Surgeon J. Tulloch, M.D., Army Medical Department, officiated with the temporary rank of Deputy Surgeon-General, Rawalpindi Division, from the 9th July, 1881, *vice* Deputy Surgeon-General A. Smith, M.D., C.B., transferred to the Home Establishment, and pending the appointment of a successor.

No. 333.—MILITARY WORKS DEPARTMENT—

The undermentioned Officers of Royal Engineers having been placed at the disposal of the Military Department by His Excellency the Commander-in-Chief in India, are posted as follows:—

Lieutenant F. J. Anderson, as Assistant Engineer, 2nd grade.

Lieutenant H. Mullaly, as Assistant Engineer, 2nd grade.

No. 334.—ORDNANCE DEPARTMENT—

Sub-Conductor Samuel Durrell, on probation, is confirmed in his present grade from the 24th November, 1881.

No. 335.—PUNJAB FRONTIER FORCE—

No. 4 Mountain Battery.

Lieutenant A. Eardley-Wilmot, R.A., 2nd Subaltern, to be 1st Subaltern, with effect from the 1st July, 1881, *vice* Captain E. C. Wace, R.A., vacated on promotion.

FURLOUGH AND LEAVE.

No. 336.—The undermentioned officers are granted furlough out of India, with the necessary subsidiary leave:—

Major (Brevet Lieutenant-Colonel) A. Conolly, Bengal S. C., Commandant Meywar Bheel Corps, (p. a.) for one year and 61 days, under rule IX of the regulations of 1868.

Surgeon-Major R. Lidderdale, M.D., Sanitary Commissioner, Bengal, (m. c.) for one year, under rules IX and XV of the regulations of 1868.

Honorary Lieutenant and Assistant Commissary J. Keane, Assistant Engineer, 1st Grade, Public Works Department, Bengal, (m. c.) for 182 days, under rule XIV, clause I, of the regulations of 1868.

No. 337.—Conductor J. Rogers, Army Clothing Department, is granted leave in India, (m. c.) to the 30th May, 1882, in extension of that allowed in G. G. O. No. 273 of 1882.

LONDON GAZETTE.

No. 338.—The following extracts are published for general information :—

"London Gazette," dated the 12th May, 1882, page 2222.

"INDIA OFFICE,
12th May, 1882.

Her Majesty has approved of the transfer of the undermentioned Officers to the Half-Pay Lists of the Staff Corps and of the Indian Medical Service respectively.

BENGAL STAFF CORPS.

Captain Alexander James Corse-Scott. Dated 21st April, 1882.

BENGAL MEDICAL ESTABLISHMENT.

Surgeon Charles Henry Beatson. Dated 8th May, 1882.

"London Gazette," dated the 16th May, 1882, pages 2294 and 2295.

INDIA OFFICE,
16th May, 1882.

The Queen has approved of the retirement from the service of the undermentioned Officers of Her Majesty's Indian Military Forces :—

Lieutenant-Colonel and Brevet Colonel Henry Thomas Oldfield, of the Bengal Staff Corps. Dated 15th February, 1882.

Lieutenant-Colonel and Brevet Colonel Thomas Ernst Britten, of the Bombay Staff Corps. Dated 8th May, 1882.

Lieutenant-Colonel William Thomas Eden, of the Bombay Staff Corps. Dated 9th March, 1882.

Lieutenant-Colonel Alexander John Vibart, of the Bombay Staff Corps. Dated 1st April, 1882.

Major George Constable Gregory, of the Bengal Staff Corps. Dated 9th March, 1882.

Major George David Reid, of the Bengal Infantry. Dated 16th November, 1881.

Major Arthur Charles Mottet, of the Madras Infantry. Dated 29th March, 1882.

Captain and Brevet Major Henry Smith Daniell, of the Bombay Cavalry. Dated 11th May, 1882.

Brigade Surgeon David Boyes Smith, M.D., of the Bengal Army. Dated 1st March, 1882.

BREVET.

The undermentioned Officers are granted a step of honorary rank on retirement :—

To be Major-Generals.

Lieutenant-Colonel and Brevet Colonel Henry Thomas Oldfield, of the Bengal Staff Corps. Dated 15th February, 1882.

Lieutenant-Colonel and Brevet Colonel Thomas Ernst Britten, of the Bombay Staff Corps. Dated 8th May, 1882.

To be Colonels.

Lieutenant-Colonel William Thomas Eden, of the Bombay Staff Corps. Dated 9th March, 1882.

Lieutenant-Colonel Alexander John Vibart, of the Bombay Staff Corps. Dated 1st April, 1882.

To be Lieutenant-Colonels.

Major George Constable Gregory, of the Bengal Staff Corps. Dated 9th March, 1882.

Major George David Reid, of the Bengal Infantry. Dated 16th November, 1881.

Major Arthur Charles Mottet, of the Madras Infantry. Dated 29th March, 1882.

Captain and Brevet Major Henry Smith Daniell, of the Bombay Cavalry. Dated 11th May, 1882.

Surgeon-Major J. Law, whose retirement from the service was notified in the *London Gazette* of the 24th February, 1882, should have been described as of the Madras, not the Bengal Army."

PROMOTIONS.

No. 339.—The following promotions are made, subject to Her Majesty's approval :—

BENGAL STAFF CORPS.

To be Lieutenant-Colonels.

Major George Gordon Young,—13th June, 1882.

Major (Brevet Lieutenant-Colonel) Frederick Lance,—13th June, 1882.

Major (Brevet Lieutenant-Colonel) Clement James Griffiths,—13th June, 1882.

Major Edward Charles Garstin,—13th June, 1882.

Major Ayrton Pullan,—14th June, 1882.

Major Charles Case,—14th June, 1882.

Major Llewellyn Wavell,—14th June, 1882.

Major Robert Blackall Graham,—14th June, 1882.

Major James FitzGerald,—16th June, 1882.

To be Major.

Captain (Brevet Major) William Verner Ellis, —10th June, 1882.

BREVET.

To be Colonels.

Lieutenant-Colonel Walter Musgrave, Bengal S. C.,—11th June, 1882.

Lieutenant-Colonel Henry St. Maur Wynch, Madras S. C.,—12th June, 1882.

Lieutenant-Colonel Charles Jameson, Bombay S. C.,—12th June, 1882.

Lieutenant-Colonel Patrick Wilson Bannerman, Bombay S. C.,—13th June, 1882.

Lieutenant-Colonel Francis James Thomas Ross, Bombay S. C.,—13th June, 1882.

Lieutenant-Colonel Edward Richard Cumberland Wilcox, Bengal S. C.,—13th June, 1882.

Lieutenant-Colonel William Augustus Gillespie, Bombay S. C.,—13th June, 1882.

Lieutenant-Colonel Henry Robert Brown Worsley, Bengal S. C.,—13th June, 1882.

Lieutenant-Colonel Richard Griffith, Madras S. C.,—13th June, 1882.

No. 340.—MILITARY WORKS DEPARTMENT—

Lieutenant W. H. Chippindall, R.E., Assistant Engineer, 1st grade, is promoted to Executive Engineer, 4th grade, temporary rank, with effect from the 31st December, 1881.

No. 341.—NATIVE ARMY—

29th Native Infantry.

Jemadar Mahomed Bux, to be Subadar, *vice* Dull Sing, invalided ; Havildar Bujjur Sing, to be Jemadar, *vice* Jowahir Sing, invalided ; Havildar Azizudin, to be Jemadar, *vice* Mahomed Bux, promoted,—1st May, 1882.

2nd Goorkha Regiment.

Havildar Shere Sing Karkee, to be Jemadar, *vice* Joodhbeer Thappa, invalided,—1st May, 1882.

No. 342.—PUNJAB FRONTIER FORCE.

4th Sikh Infantry.

Havildar Jowahir Singh, to be Jemadar, *vice* Wazir Khan, invalided,—1st May, 1882.

2nd Punjab Infantry.

Jemadar Bakhshish Singh, to be Subadar, *vice* Sham Singh, invalided; Havildar Sher Baz, to be Jemadar, *vice* Bakhshish Singh, promoted,—1st May, 1882.

REWARDS.

No. 343.—ORDER OF BRITISH INDIA.

His Excellency the Governor General in Council is pleased to admit the undermentioned Native officers to the 1st and 2nd Classes of the Order of British India from the dates specified :—

MADRAS.

To the 1st Class, with the title of "Sirdar Bahadur."

Subadar Major Rungasawmy "Bahadur," 25th Native Infantry, *vice* pensioned Subadar Major Audapah, "Sirdar Bahadur," deceased, —30th January, 1882.

To the 2nd Class, with the title of "Bahadur."

Subadar Mulliappah, 1st Native Infantry, *vice* pensioned Subadar Mahomed Esoph, "Bahadur," deceased,—14th December, 1881.

Subadar Francis, Queen's Own Sappers and Miners, *vice* Subadar Major Rungasawmy, "Bahadur," promoted,—30th January, 1882.

Subadar Govindoo, 15th Native Infantry, *vice* pensioned Subadar Major Shaik Sultan, "Bahadur," deceased,—18th March, 1882.

G. CHESNEY, *Colonel,*
Secretary to the Government of India.

MILITARY DEPARTMENT.

NOTIFICATION.

Calcutta, the 12th June, 1882.

Under Clause 26 of the Regulations appended to the Regimental Debts Act of 1863, it is notified that report of the death of the undermentioned Commissioned Officer, on the date specified, was received in the Military Department from the 30th May to the 12th June, 1882 :—

Corps.	Rank and Name.	Date of decease.	Place of decease.	Testate or Intestate.	Remarks.
Loyal North Lancashire Regiment.	Major W. H. Warren ...	22nd May, 1882	Naini Tal ...	...	.....

W. M. LEES, *Colonel,*
Officiating Secretary to the Government of India.

PUBLIC WORKS DEPARTMENT.

NOTIFICATIONS.

Simla, the 14th June 1882.

No. 154.—Mr. D. F. Hogarth, Executive Engineer, 1st Grade, Bengal, is appointed to officiate as Superintending Engineer in that Province during the absence on privilege leave of Mr. J. H. Wilson, or until further orders.

The 16th June 1882.

No. 155.—With reference to Foreign Department Notification No. 972 G.G. of 9th June 1882, the services of Mr. R. Warder, Executive Engineer, 4th Grade, are placed at the disposal of the Chief Commissioner of Coorg.

W. S. TREVOR, *Colonel, R.E.,*
Secy. to the Govt. of India.

The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, JUNE 17, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller General, &c.

GAZETTE OF INDIA.

NOTICE.

The 11th March 1882.

From the 8th April next, till further notice, Parts I, IV, and V of the *Gazette of India*, and the Weather and Crop Report, will be published at Simla. After the 1st April, all Notifications and other matter intended for publication in those Parts, should be addressed to the Officiating Publisher at that station.

Parts II and III and the Supplement will continue to be published in Calcutta.

Parts IV and V of the *Gazette of India*, containing the Acts and Bills of the Legislative Council, may be subscribed for separately from the other Parts of the Gazette. The annual subscription for the two Parts will be Rs. 5 per annum, payable in advance. When sent by post, Rs. 2-8 per annum additional will be charged for postage. For the current year these Parts are available from 1st May only, the back numbers being out of print.

Complaints regarding non-receipt of any number of the *Gazette* should be forwarded within a week after the day on which it is due.

Applications for the supply of the *Gazette* on the *public service* should be addressed to the Home Department.

By an order of Government, all subscriptions must be paid *in advance*.

	Rs.	A.	P.
Subscription for *Gazette* and Supplement per annum	15	0	0
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Postage on single copies varies according to weight.

E. J. DEAN,

Publisher, Gazette of India.

NOTICE.

The Office of Superintendent of Government Printing having been removed to No. 166, Dhurrumtollah Street, all communications intended for that Office should be sent to that address.

E. J. DEAN,

Supdt. of Govt. Printing, India.

NOTICE TO MARINERS.

No. 23 of 1882.

RED SEA.

SHOAL GROUND OFF ZEBÁYIR ISLANDS.

The following Notice has been published by the Hydrographer to the British Admiralty:—

Information has been received from Commander P. Aldrich, H. M.'s Surveying-vessel *Fawn*, dated 8th April, 1882, of the existence of two sunken rocks, lying respectively off the north-east and south-east coasts of Jebel Zebáyir, the largest island of the Zebáyir group:—

1. A rock, with a least depth of 5½ fathoms over it, lies 8 cables from the north-east extremity of Jebel Zebáyir, with the following bearings:—

   North (Barn) hill, Jebel Zebáyir ... ... S. W. ¼ S.

   Northern end of sandy beach, Saba islet ... W. ¾ N.

2. A rock, with a least depth of 4 fathoms over it, lies 1 3/10ths miles from the south-east coast of Jebel Zebáyir, with the following bearings:—

   South extreme of Centre Peak island ... W. by S. ½ S.

   South hill, Jebel Zebáyir W. by N. ¼ N.

NOTE.—South-eastward of Jebel Zebáyir and the Centre Peak islands, the soundings are very irregular for a distance of 3 miles.

(*The bearings are Magnetic. Variation 4½° Westerly in 1882.*)

By direction of the Government of India,

A. DUNDAS TAYLOR, *Comdr. (late I.N.),*
Superintendent, Marine Survey of India.

Marine Survey Department,
Calcutta,
The 10th June, 1882.

This Notice affects the following Admiralty Charts:—

Red Sea, sheet 4, No. 8*d*; sheet 5, No. 8*e*.

Index Chart No. 2523; also,

Red Sea Pilot, 1873, pages 15, 29; and

Taylor's Sailing Directory, Vol. I, page 165.

If this Notice is received on board-ship, the substance of it should be inserted on the Charts affected by it, and introduced into the Sailing Directions to which it relates.

NOTICE TO MARINERS.

No. 24 of 1882.

INDIA—WEST COAST.

KARWAR OR SADASHIVGAD.

Breaking adrift of Karwar Rock Buoy.

Information has been received from the Port Officer, Karwar, that the buoy marking the Karwar rock (Gudsar sunv.), lying to the W. N. W. of Elephant island, has broken adrift and sunk. It will be impracticable to replace it during the present monsoon.

By direction of the Government of India,

A. DUNDAS TAYLOR, *Comdr. (late I.N.),*
Superintendent, Marine Survey of India.

Marine Survey Department,
Calcutta,
The 13th June, 1882.

This Notice affects the following:—

BRITISH ADMIRALTY Charts, Nos. 242, 744, 2737, 826 and 827. Sailing Directions, West Coast of Hindustan Pilot, page 110.

INDIAN MARINE SURVEY Charts, Nos. 15, 15*a* and 63. Hydrographic Notice No. 24, page 5. Also Taylor's Sailing Directory, Vol. I, page 396.

If this Notice is received on board-ship, the substance of it should be inserted on the Charts affected by it, and introduced into the Sailing Directions to which it relates.

SURGEON-GENERAL WITH THE GOVERNMENT OF INDIA.

NOTIFICATIONS.

Simla, the 23rd May 1882.

No. 25.—Second Grade Assistant Surgeon Bhawani Das, of the Punjab provincial establishment, is permitted to resign the service.

The 26th May 1882.

No. 26.—The services of 2nd Class Apothecary W. Hyde are placed at the disposal of the Director General of Railways for employment on the Rajputana-Malwa Railway.

No. 27.—The services of 3rd Grade Assistant Surgeon Avinas Chandra Ghosh, of the supernumerary list, are placed at the disposal of the Chief Commissioner, British Burma.

J. M. CUNINGHAM, M.D.,
Surgeon-General with the Govt. of India.

TELEGRAPH DEPARTMENT.

NOTIFICATIONS.

Simla, the 9th June 1882.

Offices opened and closed during the month of May 1882:—

Name of Station.	Where situated.	Date.	REMARKS.
Chetput . .	Suburbs of Madras	22nd .	Opened.
Cherat . .	Punjab . .	12th .	Ditto.
Chuprah . .	Tirhoot District .	4th .	Ditto.
Hutwah . .	Sarun District .	6th .	Ditto.
Malabar Point .	Governor's Office, Bombay.	26th .	Ditto.
Prince's Dock .	Bombay . .	29th .	Ditto.
Revelgunge .	Tirhoot District .	6th .	Ditto.
Saidapet . .	Suburbs of Madras	15th .	Ditto.
Salkwa . .	Upper Assam .	28th .	Ditto.
St. Thomé . .	Suburbs of Madras	15th .	Ditto.
Sudya . . .	Upper Assam .	28th .	Closed.

Calcutta, the 10th June 1882.

No. 9.—Mr. E. Dowson, an Officiating Superintendent of the 4th Grade, is allowed furlough for twenty-four months, under Section 49 of the Civil Leave Code, with effect from the forenoon of the 12th May 1882.

R. MURRAY, *Colonel,*
Director General of Telegraphs in India.

INDO-EUROPEAN TELEGRAPH DEPARTMENT.

NOTIFICATION.

Calcutta, the 9th June 1882.

No. 133.—Mr. Ernest Hoeltzer, Assistant Superintendent, 2nd Grade, has been granted by the Director, Persian Telegraph, furlough for two years, under Section 131, and subsidiary leave, not exceeding twenty-seven days, under Section 134, of the Civil Leave Code, with effect from 21st of September 1881, subject to confirmation by the Director-in-Chief, Indo-European Telegraph.

W. PALMER,
Examiner of Telegraph Accounts.

AGENT, GOVERNOR GENERAL, FOR RAJPUTANA.

NOTIFICATIONS.

Mount Abu, the 6th June 1882.

No. 1549 G.—With reference to this Office Notification No. 1300 G., dated 12th May 1882,

2nd Class Hospital Assistant Abdul Kadir, of the Nakur Dispensary in Saharunpur, North-Western Provinces and Oudh, arrived and took charge of the Abu Dispensary on the 14th May 1882.

No. 1550 *G.*—Second Class Hospital Assistant Mohun Lal, of the Reserve List, is transferred to Raj service under the Kotah Durbar, with effect from the 1st June 1882.

No. 1551 *G.*—Third Class Hospital Assistant Phillip Holder is re-entertained in the Civil Hospital Assistant Establishment in Rajputana, and placed on the Reserve List, with effect from the 1st June 1882.

The 7th June 1882.

No. 1567 *G.*—Surgeon A. Adams, Officiating in medical charge, Western Rajputana States Agency and Erinpura Irregular Force, is granted privilege leave from the 23rd September to 6th October 1881, both days inclusive.

By Order,

E. A. FRASER,

1st Asst. Agent to the Govr. Genl.

CHIEF COMMISSIONER OF AJMIR-MERWARA.

NOTIFICATION.

Mount Abu, the 5th June 1882.

No. 376.—With reference to Notification No. 1283 A.G., dated 13th May 1882, Mr. F. T. Hewson, C.S., availed himself of the privilege leave granted therein on the forenoon of the 24th May 1882.

By Order,

E. A. FRASER,

1st Asst. Agent to the Chief Commr.

MILITARY DEPARTMENT—Military Works.

NOTIFICATIONS.

Simla, the 10th June 1882.

No. 28.—With reference to Military Department No. 279 S. A., dated 6th June 1882, Lieutenant H. Mullaly, R.E., Assistant Engineer, is posted to the Meerut Command, Military Works.

J. J. McLEOD INNES, *Colonel, R.E.,*

Inspr. Genl. of Military Works.

Presidency & Oudh Command.

Lucknow, the 6th June 1882.

No. 15.—With reference to Inspector General's Notifications Nos. 25 and 26, dated 29th May 1882, Lieutenant F. B. G. D'Aguilar, R.E., Executive Engineer, 4th Grade, reported his arrival at Lucknow on the forenoon of the 21st May 1882, and took over charge of the Lucknow Division, Military Works, from Captain W. L. Greenstreet, R.E., Executive Engineer, on the forenoon of 29th May 1882.

H. McV. CRICHTON, *Major, R.E.,*

Supdg. Engr., Presdy. & Oudh Command, Military Works.

DIRECTOR GENERAL OF RAILWAYS.

NOTIFICATION.—ESTABLISHMENT.

Simla, the 9th June 1882.

No. 41.—With reference to Public Works Department Notification No. 153, dated 7th June 1882, Mr. T. J. Dumayne, Executive Engineer, 4th Grade, temporary rank, is posted to the Rewari-Ferozepore Railway.

F. S. STANTON, *Col., R.E.,*

Director General of Railways.

INDUS VALLEY AND KANDAHAR STATE RAILWAY, Manager's Office.

NOTIFICATION.

Mooltan, the 5th June 1882.

On and from the 7th June 1882 the following stations will be opened for the receipt and despatch of public messages, in addition to those already notified in the *Gazette of India*, Part II, dated 12th November 1881 :—

I.—ON THE NORTHERN SECTION.

Muzafferabad Junction.

Buch.	Sadikabad.
Gillawalla.	Walhar.
Sama Satta.	Khairpur.
Mobarackpur.	Sarhad.
Chanigote.	Ghotkie.
Chowdri.	Mahesar.
Firoza.	Pand-Akil.
Kotsamaba.	Sangi.
Nowshera.	Rohri, Main.

II.—SOUTHERN SECTION.

Sukkur, Main.	Bakrani.
Bagarji.	Badeh.
Madeji.	Phulji.
Naundero.	Sann.
Dadu.	Gapang.
Bagatora.	Budapur.
Amri.	Petara.
Bhubak.	

III.—KANDAHAR SECTION.

Humaon.	Bellput.
Jhatpat.	Lindsay.
Templedera.	Mittri.
Nuttal.	

G. F. O. BOUGHEY, *Capt., R.E.,*

Manager.

Report of a Deserter from the O-4th, late M-5th, Royal Artillery, dated at Saugor, this 9th day of June 1882.

Number, Rank, and Name,—No. 1442, Driver T. Gully.	At what Place Enlisted,—Chichester.
Age,—28 years.	Parish and County in which Born,—Marybone.
Size,—5 feet 4 inches.	Marks,—Mole on neck.
Colour of—Complexion, fair; Hair, fair; Eyes, hazel.	Trade,—Porter.
Date of Desertion,—4th June 1882.	Coat or Jacket,— ... Regimental white clothing.
Place of Desertion,—Saugor.	Waistcoat,— ...
Date of Enlistment,—10th June 1876.	Breeches or Trowsers,—
	REMARKS,—

——————, *Major, R.A.,*

Comdg. O-4th R.A., late M-5th R.A.

COMPTROLLER GENERAL'S OFFICE.

F.

PRELIMINARY ACTUALS.

The 10th June 1882.

TELEGRAPHIC STATEMENT OF RECEIPTS AND OUTGOINGS FROM TREASURIES DURING MAY 1882.

Thousands of Rupees

Receipts.	Civil Revenue.	Civil Debt and Remittance Heads.	Forest, Telegraph, and Marine.	Post Office.	Guaranteed Railways.	Military Department.	P. W. Department.	Opening Balance.	TOTAL.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
India General ...	8,08	2,83,72	25	4,68	3,99	49	45,08	3,48,38	6,94,67
Central Provinces	21,75	12,28	69	2,13	...	9	2,02	56,13	95,09
British Burmah ...	18,02	11,13	1,51	2,52	...	7	1,76	39,66	74,67
Assam ...	3,89	10,32	18	1,66	...	6	4	18,21	34,36
Bengal ...	1,16,29	55,97	1,77	7,08	...	36	5,16	1,49,98	3,36,61
N.-W. Provinces and Oudh ...	1,56,44	95,91	1,01	2,64	5,04	62	5,39	1,65,33	4,32,38
Punjab ...	19,95	60,71	59	3,51	7,91	1,26	5,33	95,32	1,94,58
Madras ...	71,85	76,50	77	3,40	10,23	47	74	2,02,54	3,66,50
Bombay ...	79,30	5,85,46	2,73	3,34	55,29	87	1,88	2,09,15	9,38,02
Remittance Adjustment ...	...	...	...	...	...	...	...	18,92	18,92
TOTAL RECEIPTS ...	4,95,57	11,92,00	9,50	30,96	82,46	4,29	67,40	13,03,62	31,85,80

Outgoings.									
India General ...	30,25	2,53,52	1,40	20	9,55	19,30	16,36	3,64,09	6,94,67
Central Provinces	5,35	11,57	55	9	...	3,04	3,54	70,95	95,09
British Burma ...	6,59	27,28	1,39	27	...	2,67	6,64	29,83	74,67
Assam ...	3,04	9,53	31	12	...	1,05	92	19,39	34,36
Bengal ...	37,47	1,25,27	1,14	6,99	...	2,09	15,25	1,48,40	3,36,61
N.-W. Provinces and Oudh ...	57,72	1,15,70	89	9,06	3,38	19,20	7,61	2,18,82	4,32,38
Punjab ...	20,04	36,66	3,62	5,39	2,82	22,60	15,23	88,22	1,94,58
Madras ...	27,82	1,35,78	1,30	4,10	4,58	13,14	5,52	1,74,46	3,66,50
Bombay ...	38,03	6,58,94	3,37	3,95	14,97	16,97	12,90	1,88,89	9,38,02
Remittance Adjustment ...	...	15,88	...	...	...	...	...	3,04	18,92
TOTAL OUTGOINGS	2,26,31	13,90,13	13,97	30,17	35,10	1,00,06	83,97	13,06,09	31,85,80

SUMMARY OF ACCOUNTS FOR THE TWO MONTHS ENDING MAY 1882.

Lakhs of Rupees

	RECEIPTS.					OUTGOINGS.				
	Accounts till	TELEGRAPHIC.		Total two months.	Budget Estimate, 2 months	Accounts till	TELEGRAPHIC.		Total, two months.	Budget Estimate, 2 months
		April	May				April	May		
Civil Revenue		4,20	4,96	9,16	8,65		...	...	...	...
Civil Expenditure		...	...	...	...		2,59	2,26	4,85	4,94
Military Department		5	4	9	20		1,02	1,00	2,02	2,07
Public Works Department ...		62	67	1,29	1,24		1,10	84	1,94	2,01
Forest, Telegraph, and Marine Departments (net)		...	...	...	...		1	5	6	2
Post Office Department (net) ...		4	1	5	...		...	...	...	2
Guaranteed Railways (net) ...		52	47	99	76		...	...	...	...
Imperial Loan		...	...	...	...		1	4	5	4
Council Bills, including Exchange ...		...	...	...	...		2,11	1,05	3,16	3,08
Civil Debt and Remittance (net) ...		—17	—89	—1,06	12		...	...	...	...
Total ...		5,26	5,26	10,52	10,97		6,84	5,24	12,08	12,18
Balance, April 1st		14,62	...	14,62	...		...	...	...	...
Balance, end of month ...		...	...	...	...		13,04	...	13,06	...
GRAND TOTAL ...		19,88	...	25,14	...		19,88	...	25,14	...

9th June 1882.

E. T. ATKINSON,
Offg. Comptroller General.

ACCOUNTANT GENERAL'S OFFICE.
Public Works Department.

NOTIFICATION.

Statement of the Monthly Accounts of the several Branches of the Public Works Department received in the Office of the Accountant General, Public Works Department, up to the 1st June 1882.

PUBLIC WORKS (BUILDINGS AND ROADS AND MILITARY WORKS BRANCH) AND TELEGRAPH.

Order of receipt.	Accounting Offices.	Last month for which received.	Date of receipt.
1	Punjab	Mar. 1882	May 17, 1882
2	Hyderabad (Imperial) ...	Do. „	Do. 22, „
	Beluchistan Agency ...		
4	Coorg	Do. „	Do. 23, „
5	Rajputana	Do. „	Do. 25, „
	Assam		
	Mysore (Imperial) ...		
8	Madras	Do. „	Do. 26, „
9	Central India... ...	Do. „	Do. 29, „
	Hyderabad (Assigned Districts).		
11	Port Blair	Feb. „	Apl. 17, „
12	Military Works ...	Do. „	Do. 21, „
13	Bengal	Do. „	Do. 25, „
14	Bombay	Do. „	Do. 26, „
15	Central Provinces ...	Do. „	May 3, „
16	North-Western Provinces and Oudh.	Do. „	Do. 6, „
	British Burmah ...		

TELEGRAPH.

Order of receipt.	Accounting Offices.	Last month for which received.	Date of receipt.
1	Indo-European ...	Mar. 1882	May 23, 1882
2	Indian	Do. „	Do. 29, „

IRRIGATION.

Order of receipt.	Accounting Offices.	Last month for which received.	Date of receipt.
1	Assam	Mar. 1882	May 18, 1882
2	Punjab	Do. „	Do. 19, „
3	Rajputana	Do. „	Do. 25, „
4	Madras	Do. „	Do. 26, „
5	Bombay	Do. „	Do. 31, „
6	Bengal	Feb. „	Apl. 24, „
7	British Burmah ...	Do. „	Do. 28, „
8	North-Western Provinces and Oudh.	Do. „	May 8, „

GUARANTEED RAILWAYS.

Order of receipt.	Accounting Offices.	Last month for which received.	Date of receipt.
1	Punjab	Mar. 1882	May 17, 1882
2	Madras	Do. „	Do. 26, „
3	Bengal	Do. „	Do. 29, „
4	Bombay	Feb. „	Apl. 26, „
5	North-Western Provinces and Oudh.	Do. „	May 8, „

STATE RAILWAYS (CAPITAL).

Order of receipt.	Accounting Offices.	Last month for which received.	Date of receipt.
1	Umballa & Kalka ...	Mar. 1882	Apl. 29, 1882
2	Rawalpindi & Murree ...	Do. „	May 1, „
3	Umritsar & Pathancote ...	Do. „	Do. 6, „
4	Bhavnagar & Gondal ...	Do. „	Do. 18, „
	Garro Hills Survey ...		
6	Nalhati	Do. „	Do. 19, „
	Patna & Gya ...		
8	State Railway Stores Branch.	Do. „	Do. 20, „
9	Dhond & Manmad ...	Do. „	Do. 22, „
10	Bhopal	Do. „	Do. 23, „
	Wardah Coal		
12	Nagpur-Chhattisgarh ...	Do. „	Do. 25, „
	Southern Mahratta ...		
14	Calcutta & South-Eastern	Do. „	Do. 26, „
	Northern Bengal ...		
	Holkar		
	Indus Valley		
	Kandahar		
19	Indore-Nasirabad ...	Do. „	Do. 27, „
20	Bengal Railway Surveys ...	Do. „	Do. 29, „
	Tirhoot		
	Sindia		
	Punjab Northern ...		
	Rewari-Perozepore ...		
25	Rajputana	Do. „	June 1, „
	Nizam's		
27	Calcutta & South-Eastern Extension.	Feb. „	Apl. 28, „
	Rangoon and Irrawaddy Valley.		
29	Rangoon & Sittang Valley	Do. „	May 6, „
	Muttra-Hathras ...		
	Cawnpore-Farukhabad ...		
	Cawnpore-Farukhabad Extension		
	Bareilly-Pilibhit ...		
	Bhowpore-Kalpi ...		
	Patna-Bahraich ...		
	Bundlekund Ry. Survey...		
37	Achneyra-Muttra ...	Do. „	Do. 8, „
38	Sitapur-Pilibhit ...	Do. „	Do. 9, „
39	Ghazipore-Dildarnagar ...	Do. „	Do. 10, „
40	East Indian	Do. „	Do. 28, „
41	Central Bengal ...	Jan. „	Mar. 27, „

STATE RAILWAYS (REVENUE).

Order of receipt.	Accounting Offices.	Last month for which received.	Date of receipt.
1	Nalhati	Mar. 1882	May 22, 1882
	Patna & Gya ...		
	Nagpur-Chhattisgarh ...		
4	Tirhoot	Do. „	Do. 25, „
	Wardah Coal		
6	Calcutta & South-Eastern	Do. „	Do. 26, „
	Northern Bengal ...		
	Indus Valley		
9	Bhavnagar & Gondal ...	Do. „	Do. 27, „
10	Punjab Northern ...	Do. „	Do. 29, „
11	Nizam's	Do. „	Do. 31, „
12	Rangoon and Irrawaddy Valley.	Feb. „	Apl. 28, „
13	Rajputana	Do. „	May 5, „
14	Muttra-Hathras ...	Do. „	Do. 6, „
15	Cawnpore-Farukhabad ...	Do. „	Do. 8, „
16	East Indian	Do. „	Do. 29, „

Simla, the 7th June 1882.

L. CONWAY-GORDON, *Major, R.E.,*
Offg. Accountant General, P. W. Dept.

2 6

MAPS OF THE SURVEY OF INDIA,

Published at the Offices of the Surveyor General of India, Calcutta and Dehra Dún, for the Quarter ending 31st March 1882.

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Rajputana. Index to Sheets of—	Ditto	0	4	0	4
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*Levels in the Punjab, Sheet No. 82. Parts of Ferozepore, Sirsa, Lahore and Montgomery Districts	Double Elephant .	1 12	2 0
Scale 1 Inch = 4 Miles.			
*Rough Preliminary Chart showing the connection made between Colonel Lambton's Principal Triangulation and the Malabar Minor Series	Double Elephant .	1 0	...
MAP CATALOGUE.		Price per copy. Rs. A.	
Supplement to the Catalogue of Maps, Plans, and Charts of the Survey of India, published in 1878	...	0 8	...

* Published and available at the Surveyor General's Office, Dehra Dún.

JOHN O. N. JAMES,
Assistant Surveyor General.

SURVEYOR GENERAL'S OFFICE,
Calcutta, the 24th April 1882.

Weekly Statement of Silver tendered, of Certificates issued, and Silver Balance in the Mint.

Date.	Silver tendered, estimated value.	Certificates issued on General Treasury.	Certificates issued on Currency Department.	Balance of Bullion Under Assay.	Balance of Bullion Assayed.	Balance of Bullion Held on account of the Currency Department.
1882.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
June 5	...	26,412	...	7	91,13,331	37,22,920
„ 6	...	26,470	...	7	90,15,361	36,97,859
„ 7	...	26,564	...	7	90,17,389	36,72,710
„ 8	...	26,446	...	7	88,85,815	36,47,673
„ 9	...	13,224	...	7	87,86,856	36,35,158
„ 10	...	13,136	...	7	87,87,951	36,22,809

CALCUTTA MINT,
The 12th June 1882.

J. F. TENNANT, *Col., R.E.,*
Mint Master.

TREASURE TROVE.

It is hereby notified, under Section 5 of the Indian Treasure Trove Act (VI of 1878), that, about two months previous to the 18th April 1882, treasure consisting of Rs. 111 (107 old coins called Kangora rupees and 4 current English coins) was found hidden in a mud wall on the premises of one Battula Butchamma at Mokhása Kottavalsa, in Srungavarapukota Taluq, Vizagapatam District, in the Presidency of Fort St. George.

All persons claiming the treasure, or any part thereof, are required to appear either personally, or by an agent, before the Collector of Vizagapatam, on the 10th November 1882, in view to the matter being enquired into according to law.

J. HEWETSON,
Asst., for Acting Collector.

VIZAGAPATAM COLLECTOR'S OFFICE,
The 23rd May 1882.

ORDERS BY THE VICE-CHANCELLOR AND SYNDICATE OF THE CALCUTTA UNIVERSITY.

The undermentioned Students have passed the L. C. E. Examination :—

SECOND DIVISION.

In Order of Merit.

Bandyopadhyay, Bhushanchandra ... Govt. Engrg. College, Howrah.
Ray, Sitaprasanna ... ... Ditto.

G. BELLETT,
Registrar.

SENATE HOUSE,
The 15th June 1882.

ORDERS BY THE VICE-CHANCELLOR AND SYNDICATE OF THE CALCUTTA UNIVERSITY.

The following changes in the Regulations in Engineering having been sanctioned by the Senate and approved by His Excellency the Governor General of India in Council, are published for general information :—

For the Regulations for the First Examination in Engineering, for the Licence in Engineering, and for the Degree of Bachelor in Engineering, the following Regulations have been substituted, with effect, as regards the First Examination in Engineering, on the 1st of August 1883, and as regards the Licence and the Degree of Bachelor in Engineering, on the 1st of January 1885 :—

FIRST EXAMINATION IN ENGINEERING.

1. The First Examination in Engineering shall be held every year in Calcutta, and shall commence at such time as the Syndicate may determine, the date to be approximately notified in the Calendar for the year.

2. Any undergraduate of the University may be admitted to this Examination, provided he has prosecuted a regular course of study in a School of Engineering affiliated to the University, for two years and six months after passing the Entrance Examination.

3. Every candidate for admission to the Examination shall send his application, with a certificate in the form entered in Appendix A, to the Registrar, at least fourteen days before the date fixed for the commencement of the Examination.

4. A fee of twenty rupees shall be payable by each candidate. No candidate shall be admitted unless he has paid this fee to the Registrar. A candidate who fails to appear or to present himself for Examination shall not be entitled to claim a refund of the fee. A candidate may be admitted to one or more subsequent Examinations on payment of a like fee of twenty rupees on each occasion.

5. Every candidate shall be examined in the following subjects:—

I. Mathematics.
II. Natural Science.
III. Engineering Construction.
IV. Geodesy.
V. Drawing.

I. MATHEMATICS.

Arithmetic. The whole.

Algebra.

To the Binomial Theorem (omitting scales of notation) Exponential Theorem and Logarithms.

Geometry.

Euclid—Books 1, 2, 3, 4, and 6, with deductions, Conic Sections treated geometrically.

Trigonometry.

As far as the solution of all cases of plane triangles. DeMoivre's Theorem, Exponential values of Sine and Cosine.

Mensuration.

Mensuration of surfaces and solids.

Analytical Geometry.

Equations of the straight line, circle, ellipse, hyperbola, and parabola, without reference to the general equation of the 2nd degree.

Statics.

Parallelogram and triangle of forces, Resultant of parallel forces, Couples, Moments Equilibrium of any forces acting on a particle or rigid body. Centre of parallel forces, Centre of gravity. Friction, simple cases of tension of Strings, Levers, Pulleys, Wheel and axle, Inclined plane, Screw.

Dynamics.

Definition and measurement of mass, force, velocity, acceleration, momentum, work and energy.* Laws of motion, Uniform motion. Uniformly accelerated motion in a straight line, parabola and circle. Relative motion. Simple cases of impact.

II. NATURAL SCIENCE.

Chemistry.

Inorganic Chemistry. The metals and non-metals.

Physics.

Light, Heat, Electricity, Magnetism and the Elements of Telegraphy.

III. ENGINEERING CONSTRUCTION.

Materials. Structure, Classification, and characteristic qualities of Building Stones, Artificial Stones, Quarrying and Blasting, Preparation of Bricks and Tiles, Cementing materials, Plasters, Paints and Varnishes, Properties and preservation of timber, Iron and Steel, Lead, Copper, Zinc and the common Alloys.

IV. GEODESY.

Use of the scales, Prismatic Compass, Pocket Sextant, Level, Theodolite and Plane table. Topographical Surveying of limited areas. Practice of Levelling. Route surveying and laying out curves. Elements of Practical Astronomy. (Attested surveys, executed by the candidate, will be submitted to the Examiner, to which marks will be assigned.)

V. DRAWING.

1. Free-hand Drawing.
2. Projection (a) Orthographic, (b) Isometric, (c) Perspective.

6. The Examination shall be conducted by means of printed papers, and a paper of questions shall be set in each of the following subjects :—

Arithmetic and Algebra.
Plane Geometry and Geometrical Conic Sections.
Trigonometry and Mensuration.
Statics and Dynamics.
Analytical Geometry.
Chemistry.
Light and Heat.
Electricity, Magnetism, and the elements of Telegraphy.
Materials of Construction.
Geodesy.
Drawing.

* Special importance will be attached to a thorough comprehension of the principles of Work and Energy, and of their application to the solution of Mechanical questions.

7. As soon as possible after the Examination, the Syndicate shall publish a list of the successful candidates arranged in two divisions, each in order of merit. Every candidate shall, on passing, receive a certificate in the form entered in Appendix A.

LICENCE IN ENGINEERING.

1. An Examination for a Licence* in Engineering shall be held annually in Calcutta, and shall commence at such time as the Syndicate shall determine, the date to be approximately notified in the Calendar for the year.

2. Any undergraduate of the University may be admittted to this Examination on producing a certificate from the head of an institution affiliated to the University in Engineering, shewing that he has prosecuted a regular course of study for not less than one Academical year after passing the First Examination in Engineering.

3. Every candidate for admission to the Examination shall send his application, with a certificate in the form entered in Appendix A, to the Registrar at least fourteen days before the date fixed for the commencement of the Examination.

4. A fee of twenty-five rupees shall be payable by each candidate. No candidate shall be admitted unless he has paid this fee to the Registrar. A candidate who fails to pass or to present himself for Examination shall not be entitled to claim a refund of the fee. A candidate may be admitted to one or more subsequent Examinations on payment of a like fee of twenty-five rupees on each occasion.

5. Every candidate shall be examined in one of the following Branches marked A and B :—

A.—(Civil Engineering.)

I. Mathematics.
II. Natural Science.
III. Engineering Construction.
IV. Drawing.

I. MATHEMATICS.

Differential Calculus.

Differential coefficients of simple and complex functions, successive differentiation, Differential functions of two variables, functions of functions; Implicit functions. Taylor's and Maclaurin's Theorems. Maxima and Minima, values of functions of one variable.

Integral Calculus.

Integration of simple functions, Rational fractions. Formulæ of reduction. Lengths of curves. Areas of curves and surfaces. Volumes of solids. Differentiation of an integral.

Hydrostatics.

Equilibrium of fluids, Specific gravity, Equilibrium of floating bodies, Centre of pressure, Elastic fluids, Principles of Barometer, and application to determine heights of Mountains; of the air-pump. Condenser-pump, Siphon, Hydrostatic Press and the Hygrometers.

II. NATURAL SCIENCE.

Geology. (Excluding Palæontology and the Stratigraphical classification based thereon) with special reference to the practice of mining.

Mineralogy. The form of minerals. The physical, optical, and chemical character of minerals. The distribution of minerals. Paragenesis.

Metallurgy. The metallurgy of Iron, Steel, Tin, Copper, Zinc, Lead, Mercury, Silver and Gold.

* The holder of this Licence shall be styled a Licentiate in Engineering.

III. ENGINEERING CONSTRUCTION.

Practice of Building. Brick and stone masonry, Earthwork, Carpentry, Foundations, Walls, Floors and Roofs of Buildings, Construction of Masonry, Wooden and Iron bridges, Construction and maintenance of Roads, Construction of Railroads and Railway appliances.

Hydraulic Engineering. Canal and River Engineering, River training and improvements, Flow of liquids through orifices, Flow of liquids in pipes. The movements of water in Canals and Rivers, Flow of water over weirs and waste weirs, Afflux of fluids caused by obstructions, Water-wheels and Turbines, Storage of water, Supply of water to towns.

Applied Mechanics. Direct stresses, Bars and pillars of various forms in tension and compression, Transverse strain, Deflection of beams, Resistance to torsion. The equilibrium, stability and strength of Framed Structures, Stability of suspension bridges, Theory of Earth pressure, and Resistance of Block work Structures. Elements of Graphic Statics.

Mechanism. Elementary forms of Machines, Levers, Cranks, Rolling Contacts, Sliding Contacts, Mechanism for modifying motion, Accumulation and Regulation of Motion.

Steam Engine. Measurement of Heat, Joule's Equivalent, Indicators and Indicator diagrams, Boilers, Heating surface, injectors and all other parts of high and low pressure Engines.

IV. DRAWING.

Engineering and Architectural Drawing.

B.—(Mechanical Engineering.)

I. Mathematics.
II. Engineering Construction.
III. Machinery.
IV. Drawing.

I. MATHEMATICS.

As laid down for the Examination for Branch A.

II. ENGINEERING CONSTRUCTION.

Practice of Building. As laid down for the Examination for Branch A.

Applied Mechanics. As laid down for the Examination for Branch A.

Steam-Engine. The Steam-Engine as viewed under a knowledge of the doctrine of Latent Heat, with history of improvements and alterations in original theories; Combustion of fuel, Heat Engines. The conversion of Motion, Indicators and details of Construction, Boilers, Compound Cylinder Engines, Miscellaneous details.

Hydraulic Engineering. Hydraulic Machinery, Flow of water in pipes.

III. MACHINERY.

Mechanism and Machine design. Elementary forms of Machines, Levers, Cranks, Rolling Contacts, Sliding Contacts, Mechanism for modifying motion, Accumulation and regulation of Motion. Mode of designing Riveted Joints, Fastenings, Journals, Pivots, Axles, Shaftings, Bearings, Strength and form of toothed gearing, Belt and rope gearing, Link-work, Pistons, Stuffing boxes, Valves and Cocks.

Workshop Appliances. Measures of length and methods of measuring. Hand tools for wood and metals, Forming straight edges and surface plates. Foot and power Lathe, Machinery for Drilling, Boring, Planing, Shaping, Slotting, Punching, Shearing and Sawing. Distribution of motive power to Machine tools.

Designs. Designs of Factories and Workshops with arrangement of Machinery.

IV. DRAWING.

Machine Drawing.

6. Candidates shall also be allowed to present themselves for Examination in one or more of the following optional subjects, proficiency in which will affect their place in the division list, but will not be counted towards a pass :—

Optional Subjects.

I. MATHEMATICS.
Pure Mathematics } *as in the First Examination in Engineering.*
Mixed Mathematics }

II. NATURAL SCIENCE.
Chemistry } *as in the First Examination in Engineering.*
Physics }

III. ENGINEERING CONSTRUCTION.
Materials of Construction, *as in the First Examination in Engineering.*
IV. GEODESY, *as in the First Examination in Engineering.*

7. The Examination shall be conducted by means of printed papers, and a paper of questions shall be set in each of the following subjects :—

Branch A.

Differential and Integral Calculus.
Hydrostatics.
Geology.
Mineralogy and Metallurgy.
Details of Construction.
Roads and Railways.
Hydraulic Engineering.
Applied Mechanics.
Mechanism and Steam-Engine.
Engineering and Architectural Drawing.

Branch B.

Differential and Integral Calculus.
Hydrostatics.
Details of Construction.
Roads and Railways.
Applied Mechanics.
Hydraulic Engineering.
Mechanism and Machine design.
Designs, and Workshop appliances.
The Steam-Engine.
Machine Drawing.

Optional.

Pure Mathematics.
Mixed Mathematics.
Chemistry.
Physics.
Materials of Construction.
Geodesy.

8. As soon as possible after the Examination, the Syndicate shall publish a list of the successful candidates arranged in two divisions, each in order of merit. Every candidate shall, on passing, receive a certificate in the form entered in Appendix A.

BACHELOR IN ENGINEERING.

1. An Examination for the Degree of Bachelor in Engineering shall be held annually in Calcutta, and shall commence at such time as the Syndicate shall determine, the date to be approximately notified in the Calendar for the year.

2. Any candidate who has passed the First Examination in Arts* may be admitted to this Examination, provided he produces a certificate from the head of an institution affiliated in Engineering, shewing that he has prosecuted a regular course of study for not less than one Academical year, after passing the First Examination in Engineering.

3. Every candidate for admission to the Examination shall send his application, with a certificate in the form entered in Appendix A, to the Registrar, at least fourteen days before the date fixed for the commencement of the Examination.

4. A fee of thirty rupees shall be payable by each candidate. No candidate shall be admitted, unless he has paid this fee to the Registrar. A candidate who fails to pass or present himself for Examination shall not be entitled to claim a refund of the fee. A candidate may be admitted to one or more subsequent Examinations on payment of a like fee of thirty rupees on each occasion.

5. Every candidate shall be examined in the subjects and in the manner ordered in paragraphs 5, 6 and 7 of the Regulations for a Licence in Engineering.

6. As soon as possible after the Examination, the Syndicate shall publish a list of the successful candidates arranged in two divisions, each in order of merit. Every candidate shall, on passing, receive a certificate in the form entered in Appendix A.

7. The first candidate of the first division shall receive a gold medal to the value of one hundred rupees.

8. Any Licentiate in Engineering, who has passed the First Examination in Arts, may, on paying the usual fee, be admitted to the Degree of Bachelor in Engineering without further Examination.

G. BELLETT,
Registrar.

SENATE HOUSE,
The 15th June 1882.

* Any undergraduate who has passed the First Examination in Engineering may proceed to the First Examination in Arts and the Bachelor of Art Examination, without completing the two years of study at an affiliated institution required under para. 2 of the First Arts and B. A. Regulations.

CURRENCY NOTES.

The following Currency Notes of the Government of India are stated to have been lost, and payment of their value has been claimed by the persons whose names are placed against the numbers. Any other person having these Notes in his possession, or claiming a right to them, is warned to communicate at once with the undersigned :—

Allahabad Circle.

NOTE WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Note.	Value.	Name of Claimant.
		Rs.	
104	... D 18—91267 ...	100	Captain Andrew Hearsey, Mussoorie.

ALLAHABAD,
The 14th June 1882.

GODREZJEE D. PUDUMJEE, *A. A. G.,*
In charge of Paper Currency Office.

Bombay Circle.

NOTES WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Notes.	Value.	Name of Claimant.
1882.		Rs.	
W20	... M 44—64897 ...	100	P. M. Kristnaswami Mudliar, Murtazapur.
	„ —64898 ...	100	
W21	... M 66—49227 ...	100	Dosbhai Khanbhai, Bhiwndi.
	„ —55029 ...	100	
	„ —57297 ...	100	
	„ —57624 ...	100	
	„ —57625 ...	100	

BOMBAY,
The 13th June 1882.

W. T. PIERCY,
Assistant Accountant General,
for *Commissioner.*

Calcutta Circle.

NOTES WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Notes.	Value. Rs.	Name of Claimant.
53	... O 65—08386 ...	50	Pasuputty Churn Bose.
56	... O 97—85029 ...	100	Nobin Chunder Audy.
57	... O 74—07978 ...	1,000	Taramoni Bewah.

CALCUTTA,
The 16th June 1882.

J. TAYLOR,
Asst. Comptlr. Genl., Paper Currency.

Calicut Circle.

NOTE WHOLLY LOST OR DESTROYED.

No. of Note.	Value. Rs.	Name of Claimant.
J 10—65619 ...	100	Messrs. Gillanders, Arbuthnot & Co., Calcutta.

CALICUT,
The 5th June 1882.

Depy. Collr., in charge of Paper Currency.

Statement of the Affairs of the Bank of Bengal for the week ending 13th June 1882.

LIABILITIES.	Rs.	A.	P.
Capital paid-up	2,00,00,000	0	0
Reserve Fund	30,11,886	4	4
Public Deposits at Head Office (Rs. 93,20,651 15 8)	2,20,73,576	7	1
Public Deposits at Branches (Rs. 1,27,52,924 7 5)			
Other Deposits at Head Office and Branches	2,49,99,455	1	8
Bank Post Bills, &c.	2,96,644	15	8
Sundries	16,40,707	8	4
RUPEES	7,20,22,270	5	1

ASSETS.	Rs.	A.	P.
Government Securities	81,60,585	8	0
Other authorized Investments	46,08,095	0	0
Loans on Government and other authorized Securities	67,25,566	7	10
Accounts of Credit on Government and other authorized Securities	36,62,628	6	4
Bills discounted and purchased	2,42,78,921	6	3
Balances with other Banks	3,66,643	10	6
Bullion	7,80,706	0	6
Dead Stock	12,01,626	9	5
Stamps	8,763	2	0
Sundries	3,41,536	10	5
	5,01,35,072	13	3
Cash and Currency Notes at Head Office (Rs. 76,96,752 7 2)	2,18,87,197	7	10
Cash and Currency Notes at Branches (Rs. 1,41,90,445 0 8)			
RUPEES	7,20,22,270	5	1

By order of the Directors,

BANK OF BENGAL,
Calcutta, 15th June 1882.

J. GORDON,
Chief Acctt. & Depy. Secretary

W. D. CRUICKSHANK,
Offg. Secy. & Treasurer.

POST OFFICE.

NOTIFICATIONS.

Simla, the 30th May 1882.

Exchange of Money Orders with the United States of America.

On and after the 1st July 1882, money orders will be exchanged in both directions with the United States of America.

2. The following rates of commission, which now apply to money orders drawn upon the United Kingdom and Canada, will apply from the date mentioned above, to money orders drawn upon the United States of America :—

	Rs.	A.	P
On sums not exceeding £2	0	8	0
On sums exceeding £2 and not exceeding £ 5 ...	1	0	0
" £5 " £ 7 ...	1	8	0
" £7 " £10 ...	2	0	0

3. The maximum limit for single orders drawn upon the United States of America is £10. No person may obtain in one day more than four money orders payable to the same person.

4. In these and in other respects money orders drawn upon the United States of America will be treated exactly like money orders drawn upon the United Kingdom or Canada. (*Vide* Clauses 243 to 258 of the Postal Guide, dated January 1882.)

L. G. WAIT,
Asst. Dir. Genl. of the Post Office of India, Foreign Post Branch.

The 9th June 1882.

No. 2582.—Appointments in the Post Office Department made by the Director General of the Post Office of India :—

POSTAL CIRCLE, BENGAL.

Babu Purna Chundra Mustafi, a 3rd Grade Superintendent, is transferred from the Rungpur Division to the Furreedpore Division.

Babu Surjya Kanta Mittra, a 4th Grade Superintendent, is transferred from the Furreedpore Division to the Rungpur Division.

Moonshee Alladad Khan is appointed to act as a 4th Grade Superintendent.

Mr. Knox Homan is appointed a 4th Grade Superintendent, and posted to the Cuttack Division.

Babu Mahendra Nath Banerji is appointed to act as a 4th Grade Superintendent and Examiner of Head Office Accounts.

Babu Surjya Kumar Ganguli is appointed to act as an Examiner of Head Office Accounts.

Mr. W. R. Monks is appointed to act as an Examiner, Head Office Accounts.

Babu Akhay Kumar Sanyal is appointed to be Post Master of Howrah.

Mr. A. J. MacPherson is appointed to be Post Master of Darjeeling.

POSTAL CIRCLE, MADRAS.

Mr. W. G. Wright is appointed to officiate as a Superintendent of the 4th Grade.

Mr. C. Smith is appointed to officiate as a Superintendent of the 3rd Grade and to be an Examiner of Head Office Accounts.

Gulam Raza Saib, a Superintendent of the 3rd Grade, is posted to the Nellore Division.

Mr. T. D. Dinwiddie is appointed to officiate as a Superintendent of the 3rd Grade.

Mr. J. Bower is appointed to officiate as a Superintendent of the 2nd Grade.

Mr. A. Rhenius is appointed to officiate as a Superintendent of the 4th Grade.

E. R. DOUGLAS,

Depy. Dir. Genl. of the Post Office of India.

List of Unclaimed Letters lying in the Calcutta Post Office on the 11th June 1882.

Applohn, Mrs. T. E.	Fitzgerald, —.	Robertson, A. D.
Aukein, J. E.	Fraser, W. C.	Rundle, C. T.
Belara, C. V.	Gallway, C. H.	Sane, H. C.
Benson, T.	Godfrey, S.	Sheo Narain Moonshee.
Buru, W. W.	Jacob, A.	Steel, Mrs.
Carmichael, James.	Lindsay, James.	Syndale, S. C.
Chisholm, W.	Livingstone, T.	Thomas, Miss.
Cornelius, C. E.	Lyell, Mr. J.	Thorpe, W. B.
Crete, E.	Maddock, H B.	Tubb, H. H.
Domphy, G. C,	Madge, J. L.	Werbester, Mrs. C.
Edmunds, W.	Martin, N.	Wilkinson, Mrs. M. A,
Evan, E.	Meir, M.	Zwet, A.
Farrell, J.	Peckham, J.	

Letters marked "Care of Post Office, to be kept till called for."

Alston, L.	Gunther, J.	Palmer, Mrs.
Antonio, D.	Hankivez, C.	Pereira, E. S. B.
Arikenson, Stephen.	Hansen, H. W. F.	Rex, Miss.
A. Z.	Hartley, S. B.	Rhodes, D.
Bad, Mrs.	Hearne, T.	Robinson, William.
Bailey, J B.	Howard, W.	Rook, Mr.
Borcavets, Abraham.	Jacky, Monsieur R.	Sevastopulo, N. E.
Bockman, C.	Jox, Henry.	Slater, A. H.
Bose, K B.	Kanai Lall Seal.	Span, J. M.
Braham, Mrs. A.	Kegel, F. G M.	Stobie, Lt. J. C.
C. B. A.	Kennedy, R. H.	Strachan, E.
C. B. & Co.	Kennet, C A.	Strongs, W. S.
Cahill, James.	Lambert, Dr. E.	Stromayer, T.
Cooper, Frank	Maitland, T.	Stuart, William.
Crosswell, G. W.	Maxwell, G.	Taylor, T.
Dexter, J. B.	Mason, —.	Thornhill, H B.
Dodds, F. L.	Massy, J.	Thomas, W. H
Driscoll, D. O.	McIntyre, J.	Traiche, Miss E.
Dun, E. W.	McReynolds, John.	Urage, Mrs. J.
G. L.	Morrison, D. J.	Warnier, M.
Gavanger, George.	Munro, W.	Webb, Mrs.
Gardener, Captain J. T.	Orinstein, Signiori	Wright, Mrs H.
Gibson, Mrs. Ellen.	Scapria.	

Registered Letters.

Cahill, G.	Howard, E.	Swatman, C. A.
Cumberland, A. H.	McEwan, R.	White, J.
"E. D."		

Calcutta, the 16th June 1882.

Foreign Mails for	Date.	Per Steamer
	1882.	
Persian Gulf	23rd June	From Bombay.
Madras, Ceylon and the Intermediate Ports	22nd "	Str *Kangra*.
Foreign Mails *viâ* Bombay	17th "	From Bombay.*
Foreign Mails *viâ* Bombay	24th "	From Bombay.†
Do. Book Post and Pattern Packets .	23rd "	From Bombay.
Rangoon, Moulmein, and Straits . . .	21st "	Str. *Madura*.
Chittagong, Akyab, Kyouk Phyoo, and Rangoon	22nd "	Str. *Satara*.
Madras, Ceylon, Batavia, Singapore and China	19th "	French Str. *Tibre*.
Straits and Hong-Kong	20th "	Strs. *A. Apcar* and *Moray*.

* Also for Cape Town and Natal *viâ* England; also *viâ* Aden for Zanzibar, Mozambique, Quilimane, Inhambane and Delagoa Bay can be forwarded.

† Also for Cape Town and Natal *viâ* England; also *viâ* Aden for Mauritius, Mahé (Seychelles), Mayotte, Nossi Be and Réunion can be forwarded.

N.B.—The letter-box will close at 7 P. M. precisely; after which hour foreign letters, fully prepaid and bearing an extra postage stamp of four (4) annas on each cover, will be received up to 7-30 P. M.

E. HUTTON,

Presidency Post Master.

NOTICE.

Waste Lands available for Planters in the Tavoy District.

Waste lands, covered at present with forest, bamboos or grass, are available for plantations of coffee, tea, cinchona, or spices at altitudes varying from 100 feet to 6,800 feet above the sea in the Tavoy district. This region is between the 13th and 14th parallels of north latitude, and the rainfall ranges from 190 to 220 inches a year. The lands are mostly within 30 to 50 miles of the steamer station of Thayetchoung on the Tavoy river. Mail steamers ply between Thayetchoung and Moulmein or Rangoon once a week inwards and outwards.

II.—Grants of land in lots ranging from 100 to 1,200 acres can be had for planting tea, coffee, cinchona, or spices on application to the Deputy Commissioner of Tavoy. Such grants will be made in accordance with the "Burma Land and Revenue Act, 1876," and with the rules sanctioned thereunder by the Governor General of India in Council. Copies of the Act and rules can be obtained by intending planters on application to the Deputy Commissioner of Tavoy, the Commissioner of Tenasserim at Moulmein, or the Secretariat, Rangoon.

III.—In addition to the concessions and conditions laid down in the Act and rules, the following special concessions will be made to persons taking up land for plantations of coffee, tea, cinchona, or spices in Tavoy, namely,—

(1) A grantee must bring under cultivation one-third of his grant within 12 years from the date of his obtaining the grant. If, after the expiration of 12 years, any surplus uncultivated land, in excess of two acres of waste for each acre of cultivated land, shall remain on the grant, such surplus waste shall then revert to Government; and the grantee shall have no further claim or right in the surplus which has so reverted.

(2) A grantee will not be liable to pay any land revenue or any price for the land of his grant until the end of the tenth year after he enters on possession, provided that he takes *bonâ fide* steps to cultivate a reasonable proportion of the grant with coffee, tea, cinchona, or spices. In the event of any grantee desiring a more precise definition of a "reasonable proportion," the Chief Commissioner may decide beforehand in each case what proportion of the grant ought to be thus cultivated in each year.

(3) After the end of the tenth year the grantee will be liable to pay land revenue at the rate of Rs. 1-4-0 per acre and cesses at the rate of two annas per acre on one-third of his grant up to the year 1900 A. D.; after the expiration of such year he will be liable to pay for one-third of his grant the same revenue rate as is paid for garden lands in the nearest revenue circle where a garden rate obtains.

(4) A grantee will not be called upon to pay anything for timber, bamboos, or grass which he may cut upon his grant, provided he takes *bonâ fide* steps as aforesaid to cultivate coffee, tea, cinchona, or spices.

IV.—The only payment which a grantee will have to make on receiving his grant will be eight annas an acre for the cost of survey and demarcation. In consideration of such payment the Deputy Commissioner will cause a survey to be made of the grant, will furnish the grantee with a copy of such survey, and will cause boundary marks to be erected at suitable points in the outer boundary of the grant.

V.—The wishes of applicants will be met as far as possible in regard to the situation and shape of their grants. But ordinarily—

(*a*) no grant will be given where the Forest Department intend to make a forest reserve;

(*b*) no grant will be given on such a place as will unduly circumscribe the extension of cultivation of the grazing grounds of any neighbouring village or hamlet;

(*c*) grants facing a road or navigable stream will have to be of a depth double the length facing such road or navigable stream;

(*d*) small strips will be reserved leading to landing places for the benefit of neighbouring villages and grantees.

VI.—The Government is now spending much larger sums than heretofore on roads in the Tavoy district. If planters settle in the district, further funds will be allotted for roads from their neighbourhood to the steamer station at either Tavoy or Thayetchoung.

VII.—In order to encourage pioneers in the coffee and cinchona enterprise in Tavoy, the Government will pay to the first four grantees who begin *bonâ fide* planting operations Rs. 15 per head for every Indian or Chinese coolie, male or female, over 16 years of age, who may be settled and housed on their plantations before the 1st March 1885.

VIII.—In any case of doubt regarding the *bonâ fide* character of operations for the purposes of concessions III and VII, the Deputy Commissioner will decide, and his decision will be subject to appeal to the Commissioner of Tenasserim, whose decision will be final.

IX.—All minerals and metals under and within the lands granted under these rules are reserved by Government, together with a right to enter upon and resume such portion of land as may be necessary for examining or working mines upon payment of just compensation to the grantee for loss of, or injury done to, the surface.

G. D. BURGESS,

Secy. to the Chief Commr., British Burma.

The 6th April 1882.

DUM-DUM CEMETERY.

List of dilapidated Tombs in the oldest Dum-Dum Cemetery requiring repair or else removal.

Serjeant Thomas Cook, Artillery,—*obiit* 5th March 1800, *æt.* 50 years.

Anna Louisa Horsford, wife of Lieutenant R. Horsford, Artillery,—*obiit* 16th July 1831, *æt.* 21 years.

Elizabeth Louisa Tennant, daughter of Major Tennant,—*obiit* 26th September 1832, *æt.* 10 months.

Cenotaph erected by Brother Officers.—Lieutenant-Colonel George Mason, C.B., Commanding Artillery,—died at Sandheads, 7th August 1821.

J. F. Todd, M.D., H.E.T.C.S.,—*obiit* September 1821, *æt.* 22 years.

Adelaide, wife of Captain Scott, Artillery,—*obiit* 8th October 1821, *æt.* 22 years.

Bombardier J. J. Burrell,—*obiit* 11th August 1841, *æt.* 34 years.

Elizabeth, daughter of Major Pollock,—*obiit* 24th November 1824.

Georgiana Jane, daughter of Captain Pollock,—*obiit* 23rd February 1818, *æt.* 15 months.

Captain William Shipton,—*obiit* 28th December 1804, *æt.* 39 years.

Christopher Maurice Dunn,—*obiit* 10th October 1840, *æt.* 14 years.

Mary Ann Owen,—*obiit* 4th April 1843, *æt.* 2 years.

Ann Wadell, child of Captain H. P. Hughes, Artillery,—*obiit* 9th May 1839, *æt.* 1 year.

James Doddington Sherwood Russell, sixth son of Henny Patrick Russell,—*obiit* 4th January 1833, *æt.* 2 years.

Alicia Jeannette, daughter of late Captain Turner, 58th Regiment,—*obiit* 9th March 1833, *æt.* 5 years.

Louisa Clementina, infant daughter of Captain Vanrenen, Artillery,—*obiit* 24th September 1832, *æt.* 3 months.

Jane Frances, infant daughter of Captain Vanrenen, Artillery,—*obiit* 10th August 1828, *æt.* 1 year 6 months.

Helen Henrietta, third daughter of Bazaar Serjeant Chaunce,—*obiit* 29th January 1835, *æt.* 9 years.

Mary Alicia, daughter of Captain Frederick Roberts, Bengal Horse Artillery,—*obiit* 1835.

The abovementioned masonry graves have fallen into disrepair.

This list will be published three times in the Gazette according to Government orders.

If the relatives of the deceased (names published) do not come forward within a reasonable time, the tombs will be levelled with the ground and the slabs on which the names are graven will be let into the nearest wall.

A. W. R. QUINLAN,

Chaplain, Dum-Dum.

DUM-DUM,

The 30th May 1882.

GOVERNMENT CINCHONA FEBRIFUGE.

This preparation is an efficient substitute for Quinine and can be purchased by Government officers for public and charitable purposes, and by any one taking *twenty pounds* at a time, from the Superintendent, Botanical Garden, Calcutta, *for cash only*, at the following rates:—per four ounce tin, *Rs. 4-8;* per eight ounce tin, *Rs. 8-8;* per pound tin, *Rs. 16-8.* The general public can be supplied by the Superintendent, Botanical Garden, *for cash only*, at the under-noted rates:—per four ounce tin *Rs. 5-8;* per eight ounce tin *Rs. 10-8;* per pound tin, *Rs. 20.* This medicine is also sold by the principal European and Native druggists in Calcutta. Postage 8 annas per four and eight ounce tins, and 12 annas per pound tin, in addition to the foregoing rates.

گورنمنٹ سنکونا فبري فيوج

يهه دوا كوئينائين كا خوب قائم مقام هى اور كلكته ے بوٹانكل گارڈن يعنے كمپني باغ ے سپرنٹنڈنٹ صاحب سے هرايك ملازم سركاري واسطے سركاري كام اور حيرانت ے اور سيواے اوكے جو كوئي ايك مشت بيس پونڈ خريد ليے سے نقيمت نقد حسب نرخ ذيل خريد كرسكتے هين يعنے نرخ چار اونس ے ئين كا چار روپيه آٹهه آنه ; آٹهه اونس ے ئين كا آٹهه روپيه آٹهه آنه ; ايك پونڈ ے ئين كا سوله روپيه آٹهه آنه

اور عوام الناس بوٹانكل گارڈن يعنے كمپني باغ ے سپرنٹنڈنٹ صاحب سے نقيمت نقد حسب نرخ ذيل خريد كرسكتے هين يعنے نرخ چار اونس ئين كا پانچ روپيه آٹهه آنه ; آٹهه اونس ے ئين كا دس روپيه آٹهه آنه ; ايك پونڈ ے ئين كا بيس روپيه

يهه دوا كلكته ے بڑے بڑے ولايتي اور ديسي دواخانوںمين بكتي هى ماسيواے قيمت مذكورۂ بالا ے محصول ڈاك چار اور آٹهه اونس ے ئين كا آٹهه آنه ; اور ايك پونڈ ے ئين كا بارہ آنه

Meteorological Publications for Sale.

The following publications of the Meteorological Office of the Government of India are on sale and can be procured at the Meteorological Office, No. 4, Middleton Row, or either at Messrs. Thacker, Spink & Co., or at Messrs. Brown & Co., at the prices noted against them :—

	Rs.	A.	P.
Report on the Meteorology of India, in 1875, 4to., 89 pages text, 297 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India, in 1876, 4to., 97 pages text, 340 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India in 1877, 4to., 173 pages text, 375 pages tables, 3 charts ...	8	0	0
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Indian Meteorological Memoirs, Vol. I, Part I, 4to., 118 pages, 9 plates	2	8	0
Indian Meteorological Memoirs, Vol. I, Part II. 4to., 63 pages, 4 plates	1	8	0
Indian Meteorological Memoirs, Vol. I, Part III, 4to., 86 pages, 2 plates	1	8	0
Indian Meteorological Memoirs, Vol. I, Part IV, 4to., 62 pages, 8 plates	1	8	0
Rainfall Chart of India, showing the average annual distribution of rainfall (in colors)	1	0	0
Report on the Vizagapatam and Backergunge Cyclones, October 1876, 4to., 87 pages, 4 plates ...	2	0	0
Report on the Madras Cyclone, May 1877, 4to., 117 pages text, 97 pages tables, 5 plates ...	2	8	0

HENRY F. BLANFORD,
Meteorological Reporter to Government of India.

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The "Indian Law Reports," published under the authority of the Governor General in Council, will appear in monthly parts, published as soon as possible after the first of each month at Calcutta, Madras, Bombay, and Allahabad, and will comprise four series,—one for the Calcutta High Court, a second for the Madras High Court, a third for the Bombay High Court, and a fourth for the Allahabad High Court. The cases heard by the Privy Council on appeal from each High Court will be reported in the Series for that High Court. Cases heard by the Privy Council on appeal from Provinces in India not subject to any High Court will be reported in the Calcutta Series. The Parts of each Series can be had separately, or all four Parts can be had stitched into one wrapper at the option of subscribers and purchasers. It will be observed from the following statement of the terms of subscription and sale, that a considerable reduction is allowed to persons taking the complete set :

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Orders and Subscriptions for 1878 should be at once remitted.

THE BENGAL LAW REPORTS.

A few sets of the Bengal Law Reports (Volumes 1 to 15) are available at Messrs. Thacker, Spink & Co., Calcutta, at Rs. 375 a set.

Charts, &c., issued at the Marine Survey Department, Calcutta, by order of the Government of India, and sold at the Office of the Marine Survey Department, 4-4 Loudon's Buildings, Hastings Street, Calcutta, where Admiralty Charts can also be obtained.

☞ **All Charts are corrected up to the date of issue.**

Indian Ocean—

Indian Ocean—Curves of equal magnetic variation. *Annas 8.*
Indian Ocean, Suez to Penang, including Zanzibar and Madagascar (Engraved). Physical and track chart. *Rs. 1.*
Arabian Sea, Western portion, with plans of Babel Mandeb Strait and Zanzibar Harbour. *Rs. 2.*
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Kurrachee to Vingorla. *Re. 1-12.*
Vingorla to Cape Comorin. *Re. 1-12.*
Port of Sálaya or Serais. *Re. 1.*
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Cape Comorin to Coconada, including the Island of Ceylon. *Re. 1-12.*
Tuticorin Roadstead and Harbour. *Re. 1.*
Approaches to Jafnapatam. *Re. 1.*
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Orissa Coast, Narsapoor Point to Palmyras Point, adapted to the latest determinations of the G. T. S. and observations by Commander A. D. Taylor, I.N. *Re. 1.*
Coconada to Bassein River. *Re. 1-12*
Coringa or Coconada Bay, showing the Northern Godavery Mouths. *Re. 1-8.*
False Point Harbour and Approaches. *Re. 1.*
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False Point to Mutlah River, showing the Approaches to Sandheads. *Re. 1.*
Mutlah River to the Chittagong Coast. *Re. 1.*
Chittagong or Kornafuli River. *Re. 1.*

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Siam—Malay Peninsula, West Coast—

Hayes Island to the Pilgrims. *Re. 1.*
Kopah Inlet. *Re. 1.*
Salang Island (Junkseylon). *Re 1.*
Junkseylon, East Coast.—Puket or Tonkah Harbour. *Re. 1.*

Gulf of Siam—

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Siam Gulf, West Coast, Lacon Bight to Lem Chang P'ra. *Re. 1.*
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Lacon Roads. *Re. 1.*
Samuie Strait. *Re. 1.*
Langsuen Roads. *Re 1.*

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Table of Natural Scales, 1877. *Annas 4.*

Catalogue of Charts, Maps, Plans, &c., in the Marine Survey Department, Calcutta. *Annas 8.*

Catalogue of Original and other documents deposited in the Marine Survey Department, 1881. *Not for sale.*

Hydrographic Notices—

No. 1. Rangoon River. *Annas 4.*
„ 2. Cancelled; superseded by Notice No. 8 *Annas 4.*
„ 3. Cancelled; superseded by Notice No. 18. *Annas 4.*
„ 4. Cancelled; superseded by Notice No. 23. *Annas 4.*
„ 5 Kyouk Phyou Harbour. *Annas 4*
„ 6. Salween (Maulmain) River. *Annas 4.*
„ 7. Approaches to Point de Galle Harbour. *Annas 4.*
„ 8. Mergui Archipelago. Pages 7 to 10 of this Notice superseded by Notice No. 18. *Annas 4.*
„ 9. Indus Banks and Kurrachee. *Annas 4.*
„ 10. Pámban (Paumben) Pass. *Annas 4.*
„ 11. Andaman Islands. *Annas 4.*
„ 12. Jiddah Harbour, Red Sea. *Annas 4.*
„ 13. Red Sea. Navigation, inshore Passages, 1878 *Annas 4.*
„ 14. Red Sea, 1878. *Annas 4.*
„ 15. South Indian Ocean, Seychelle, Farquhar Islands, and Madagascar. *Annas 4.*
„ 16. Torres Strait and New Guinea, South-east Coast *Annas 4.*
„ 17. India, West Coast, Ratnagiri, Rajapur Bay, and Viziadurg. *Annas 4.*
„ 18. Coast of Siam, including Junkseylon and adjacent islands. *Annas 4.*
„ 19. Africa, East Coast, Pemba Island and adjacent Coast. *Annas 4.*
„ 20. India, West Coast, the coast from Kundari Island to Chaul, and the harbours of Dabhol and Jaygad. *Annas 4.*
„ 21. Arabian Coast, Rás Matbakh, 1880. *Annas 4.*
„ 22. Red Sea. Notes from various sources, 1880. *Annas 4.*
„ 23. Coast of Orissa False Point Harbour and Approaches. *Annas 4.*
„ 24. India, West Coast, Harbours of Karwar and Bankot. *Annas 4.*
„ 25. Africa, East Coast, Zanzibar to Barava *Annas 4.*
„ 26. Red Sea. Notes from various sources, 1880, 1881. *Annas 4.*

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No. 1. Fixed Light on Green Island, Hong-Kong, China.
„ 2. Malwan Rock, Malwan.
„ 3. Fixed white Light at Dwarka, Kattywar.
„ 4. Mooram Shulli Tivo Island, and Devil's Point, Gulf of Manaar.
„ 5. (1) Fixed Light at Vizagapatam.
(2) Coral Shoal of Caltura, Ceylon.
(3) Rock off Barberyn Island.
„ 6. Foundering of the Buoy Vessel *Mata Mata*, Rangoon.
„ 7. (1) Revolving Light near Acheen Head, Malacca Strait.
(2) Auxiliary Light to above.

Notices to Mariners issued during the year 1876—

No. 1. Temporary discontinuance of Hope Island Light during repairs to Light-house column. Coromandel Coast.
„ 2. Exhibition of Hope Island Light, Coromandel Coast
„ 3. Prohibited anchorage near the British Indian Submarine Telegraph Cable, Madras.
„ 4. (1) Pulo Brasse auxiliary Light, Malacca Strait.
(2) Island between Pulo Nias and Sumatra.
„ 5. Vessels trading to Réunion, Indian Ocean.
„ 6. Replacement of the Buoy on the western edge of Dolphin Shoal, Chittagong Coast.
„ 7. China Bakeer Light, Martaban Gulf.
(2) Intended exhibition of Light on the Oyster Reef, Akyab.
„ 8 Fixed white Light at Verawal.
„ 9. Buoyage of Kyouk Phyou, British Burma.
„ 10. Fixed white Light at Bet or Beyt (Gulf of Cutch) Kattywar.
„ 11. Fixed white Light at Porbandar, Kattywar.
„ 12. (1) Displacement of the Buoy in Narakel Roadstead, Cochin.
(2) Buoy marking the Smooth-water anchorage to the southward of Alipee (Aulapolay), Travancore.
„ 13. (1) Intended Light on Pulo Pisang, Malacca Strait.
(2) Sunken reef in Siberoet Strait, Sumatra, West Coast.
„ 14. Deposit of stone mound at the end of the breakwater Colombo, Ceylon.
„ 15. Period of exhibition of the *blue* Light during the South-west monsoon, from the Eastern Channel Light-vessel at the entrance to River Hooghly.
„ 16. Rock near west end of Pulo Brasse.
„ 17. (1) Beacon on two fathom patch off Batticaloa Road, Ceylon.
(2) Suspension of Light at Vizagapatam.
„ 18. Directions for Kurrachee Harbour.
„ 19. Beacon on two fathom patch off Batticaloa Road, Ceylon.
„ 20. Fixed Light at Calingapatam Point, Coromandel Coast.

Notices to Mariners issued during the year 1877—

No. 1. Alteration in Manora Point Light, Kurrachee.
„ 2. Dangers at Goa and Marmagao Roadstead.
„ 3. Existence of rocky patches, Beypore.
„ 4. Pooree Port limits Orissa Coast.
„ 5. Extension of the Hajamri Mouth of the River Indus.
„ 6. Red Lights at Port Victoria, Mahé, Seychelles.
„ 7. Light at Port Berbereh, Gulf of Aden.
„ 8. Rock off Hingie Island, Bassein River.
„ 9. Rock off Pegu Coast.
„ 10. Coral Patch near Sultan Shoal, Singapore Strait.
„ 11. "Intermediate" Light-ship, entrance to River Hooghly.
„ 12. Position of Cochin Light-house.
„ 13. Position of Raleigh Rock, and additional beacons, Bombay.
„ 14. Buoy, marking Gindurah Rock, Galle.
„ 15. Alteration in Manora Point Light, Kurrachee; and discovery of a bank near Towak Island, Red Sea.
„ 16. Dangerous rocks in Forrest Strait, Mergui Archipelago and Richelieu Rock off Kopah Inlet.
„ 17. Alteration in position of "Intermediate" Light-ship, entrance to River Hooghly.
„ 18. Destruction of the Krishna Shoal Light house.
„ 19. Correct position of Santipilly Light-house.
„ 20. Anchorage Buoys in Madras Roadstead.
„ 21 Light-vessel near Krishna Shoal, Burma.
„ 22. Additional information, Krishna Shoal Light-vessel and Light at Pooree.
„ 23. Alteration of position of Chittagong Lights.
„ 24. Night Signals shown by British Pilot Vessels in the English Channel.

Notices to Mariners issued during the year 1878—

No. 1. Position of Middle Ground, Bombay.
„ 2. Error in position of Krishna Shoal Light-vessel.
„ 3. New Lights in Sunda Strait, &c.
„ 4. Corrected position of Krishna Shoal Light-vessel.
„ 5. Alteration of colour of Chittagong beacons, and intended alteration in Dolphin Rock Light, Bombay.
„ 6. Alteration of Malwan Light.
„ 7. Kintoan Light-vessel, Yang-tse-Kiang.
„ 8. Burgess Rock off Hingie Island, Bassein River, Burma.
„ 9. Fairway Buoy at False Point, Orissa.
„ 10. (1) Intended Light and Fog Signal on Little Basses Rocks, Ceylon.
(2) Intended alteration in Great Basses Rocks Fog Signal.
„ 11. Corrected positions of Zebayir Islands, Jebel Zukur and the Hanish Islands, Red Sea.
„ 12. Fog Signals and distinguishing marks for Light-vessels, River Hooghly.
No. 13 Exhibition of Light on Little Basses Rocks, Ceylon.
„ 14. Beacon on Chaul Kadu Rock, Bombay.
„ 15. Shoal near Tumb Island (Jazirat Tanb), Persian Gulf.
„ 16. Light at Batticaloa, Ceylon.
„ 17. Upper Gasper Light-vessel, entrance to river Hooghly.
„ 18. Red Lights on North Groyne of Harbour Works, Madras.
„ 19. Reported shoal, N. N. E. of Bahrein, Persian Gulf.
„ 20. Alteration of colour of Light at Klang Strait, Strait of Malacca.
„ 21. Additional information concerning the reported shoal, N. N. E. of Bahrein.
„ 22. Deposit of stone, eastward of Harbour Works, Madras.
„ 23. Reported Shoal, North-West of Cheduba Island.
„ 24. Exhibition of blue Lights and Maroons at Krishna Shoal Light-vessel.
„ 25. Deposit of stone, eastward of Harbour Works, Madras (additional information).
„ 26. Vessels prohibited from anchoring near the Sub-marine Telegraph Cable between Diamond Island and the mainland.
„ 27. Intended exhibition of a revolving Light at Vakalapudi, in the Godavery District.

Notices to Mariners issued during the year 1879—

No. 1. Permanent moorings for Eastern Channel Light-vessel, entrance to Hooghly River.
„ 2. Sunken danger in Mergui Archipelago.
„ 3. Revolving Light at Vacalapudi in the Godavery District.
„ 4. Intended alteration in False Point Light.
„ 5. Shifting of the entrances to Honore (Honawar) and Mangalore, on the Malabar Coast.
„ 6. Fixed Light at Roji (Nowa Nugga) in the Gulf of Cutch.
„ 7. Fixed Light at the entrance to Toona Creek in the Gulf of Cutch
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„ 9. Wreck-marking vessels.
„ 10. The alteration in the position and improvement of Pooree Port Light.
„ 11. Shoal coral ground in Strait of Banka.
„ 12. Delagoa Bay. Removal of Cockburn Light-vessel in bad weather.
„ 13. (1) Alteration in position of Beacons and Leading Lights—Burnett River Entrance, Australia.
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„ 14. Sunken dangers between Alguada Reefs and Diamond Island—Bay of Bengal.
„ 15. Flashing white Light on Puysegur Point—New Zealand.
„ 16. Dangerous rocks, N. N. W. and S. E. of the southernmost of the Brothers Islands—Andaman Islands.
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„ 4. Extension of the period of exhibition of the "Intermediate" Light at the entrance to the Hooghly River.
„ 5. Alterations in the position and visibility of the Light exhibited from Port Canning, Singapore.
„ 6. Alteration of position and elevation of the red Light at Cannanore.
„ 7. Discontinuance of the exhibition of Maroons from the Light-vessels of the Hooghly River
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„ 9. Lights at Port Ibrahim, Suez.
„ 10. Changes in the buoyage of the port, Madras.
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„ 15. Position of Gwalia Reef, Carimata Strait.
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„ 32. Removal of the Red Buoy off the head of the South Harbour Pier, Madras.
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„ 40. Revolving Light to be exhibited from a Light-vessel to be anchored off the Formosa Bank, Malacca Strait.

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„ 6. Dangerous rock off Modeshwur Cape, Canara Coast.
„ 7. Fishing stakes in the approaches to Bombay Harbour.
„ 8. Erection of a pillar to mark the southern boundary of the port of Beypore.
„ 9. Changes in the bar at the entrance to the Chittagong River.
„ 10. Position of the Pilot's Ridge Light-vessel in the approaches to the Hooghly River.
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The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, JUNE 17, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART III.

Advertisements and Notices by Private Individuals and Corporations.

NOTIFICATION.

With the consent of the Government of India, the Government of His Highness the Maharaja of Mysore is prepared to receive tenders for a Debenture Loan of (Rs. 20,00,000) twenty lakhs of Rupees on the security of the general revenues of the Mysore Province. The amount of the Loan is to be expended entirely on the construction of an important line of railway from Bangalore to Tiptoor, a distance of about 85 miles.

2. Debentures will be issued for the said amount bearing interest at the rate of five per cent. per annum, payable half-yearly on the 15th February and 15th August of each year and having a currency of twenty years. The interest will be payable at any of the Government Treasuries of the Mysore Province or at the Banks of Bengal, Madras or Bombay and their branches.

3. The form of Debenture Bonds will be that given below. Each Debenture will be issued for the sum of Rs. (500) five hundred, or some multiple of Rs. 500.

4. Tenders for the whole or any part of the above-named sum of Rs. (20,00,000) twenty lakhs will be received by the Comptroller to the Mysore Government at Bangalore up to noon on the 1st July 1882.

5. Each tender should be in the form hereto annexed, and enclosed in a sealed cover superscribed "Tender for the Mysore Railway Loan of 1882," and sent to the Comptroller to the Government of Mysore at Bangalore.

6. The tenders will be opened at the Dewan's Office at Bangalore in the presence of the Dewan and other members of the Mysore Government on the 1st July 1882 at noon, a minimum rate having first been fixed by the Dewan.

7. Each tender must be accompanied by the deposit of a sum equal to 2 per cent. of the amount tendered. Such deposit may be made by paying the amount to the credit of the Dewan of Mysore at the Banks of Bengal, Madras and Bombay, or at any of their branches, or at any of the Treasuries of the Mysore Government, and forwarding with the tender the receipt of such Bank or Treasury or by a Money Order payable to the Dewan of Mysore, or by Government of India Promissory Notes duly endorsed in favor of the Dewan of Mysore.

8. If the tender be accepted either in whole or in part, the deposit made will be taken in part payment, and the tenderer must arrange for the payment of the remainder of the amount of the loan allotted to him on or before the 15th August 1882 into any of the Treasuries of the Mysore Government, or into the Banks of Bengal, Madras or Bombay or any of their branches to the credit of the Dewan of Mysore, failing which the deposit made will be forfeited.

9. Debentures will be issued as soon as possible after receipt of the amount of allotment.

10. The deposit on tenders which may not be accepted will be returned on application.

11. In the case of two or more tenders at the same rate (not being below the minimum), a *pro rata* allotment will, if necessary, be made.

12. The rate stated in a tender must not contain any fraction of an anna; if a rate containing a fraction of an anna is inserted in any tender, such fraction will be struck out, and the tender treated as if the rate did not contain such fraction of an anna.

13. In order to avoid mistakes, a separate tender must be made at each rate tendered, and a separate deposit must accompany each tender.

14. The annual revenues of the Mysore Province amount at present to Rs. 1,06,00,000 (one hundred and six lakhs of Rupees), and are expected to yield an annual surplus of five lakhs after defraying all charges and providing for repayments on account of the Famine Loan due to the Government of India.

15. Arrangements will be made for securing negotiability to the Debentures in British India free of Stamp Duty.

C. RANGACHARLU,
Dewan.

OFFICE OF THE DEWAN OF MYSORE,
BANGALORE,
The 1st May 1882.

Form of Tender.

I hereby tender for Rupees of the Loan advertized in the Notification of the Dewan of Mysore, dated 1st May 1882, and agree to pay the same subject to the conditions notified, at the rate of Rupees for every Rs. 100 allotted to me.

I enclose on account of the required deposit of 2 per cent. on the amount tendered (*here enter particulars of deposit*), and engage, if my offer is accepted, to pay the remainder of the amount of the Loan allotted to me on or before the 15th August 1882, in the manner prescribed in the Notification. Any allotment made to me may be communicated to the following address.

Signature.
Full address.

Form of Debenture.

MYSORE RAILWAY FIVE PER CENT. LOAN, 1882.

Bangalore, *1882.*

No.

The Government of His Highness the Maharaja of Mysore, in consideration of the sum of Rupees received from promise to pay to the said or order the sum of Rupees twenty years after the date hereof, together with interest at the rate of five per centum per annum, payable half-yearly on 15th February and 15th August.

NOTICE.

We have authorized from this date Mr. Alfred Ritz to sign our firm, and Mr. Martin Gutteling to sign our firm per procuration.

REINHOLD & Co.

CALCUTTA,
The 1st June 1882.

PROMISSORY NOTES.

Lost or Destroyed

The Government Promissory Note, No. $\frac{142015}{050000}$, of the 4 per cent. of 1865, for Rs. 600, originally standing in the name of Dinshaw Sapoorjee, and last endorsed to Surundass Rajabhoy, the proprietor, by whom it was never endorsed to any other person. Payment of the above Note and the interest thereupon have been stopped at the Public Debt Office, Bank of Bengal, and application is about to be made for the issue of duplicate in favour of the proprietor.

KADERBHOY & Co.,
9, Massy Street, Rawalpindi.

HINDU FAMILY ANNUITY FUND OFFICE.

An Abstract of the Audited Accounts of the Hindu Family Annuity Fund for the quarters ended 30th June, 30th September, and 31st December 1881.

RECEIPTS.	Quarters ended 30th June 1881.			Quarters ended 30th Sept. 1881.			Quarters ended 31st Dec. 1881.		
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
Subscriptions ...	5,093	3	0	5,853	13	5	4,793	6	3
Entrance Fees ...	33	0	0	14	0	0	17	0	0
Miscellaneous ...	1	0	0	2	1	0	0	11	0
Govt. of India—									
Amount withdrawn	740	0	0	994	0	0	686	15	9
Deposits ...	1	7	6	28	13	6	88	1	0
Opening Cash Balance ...	229	15	11	203	6	5	210	0	11
TOTAL ...	6,098	10	5	7,096	2	4	5,796	2	11

DISBURSEMENTS.	Quarters ended 30th June 1881.			Quarters ended 30th Sept. 1881.			Quarters ended 31st Dec. 1881.		
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
Annuity ...	399	0	0	413	2	6	415	10	6
Establishment ...	243	0	0	324	0	0	162	0	0
Miscellaneous ...	136	9	9	254	9	9	4	14	6
Government of India—									
Amount deposited	5,096	4	0	5,882	6	5	4,926	5	9
Deposits ...	20	6	3	11	14	9	57	6	9
Closing Cash Balance ...	203	6	5	210	0	11	229	13	5
TOTAL ...	6,098	10	5	7,096	2	4	5,796	2	11

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PRANKISSEN BOSE,
Secretary.

CALCUTTA;
HINDU FAMILY ANNUITY FUND OFFICE,
The 11th June 1882.

The Gazette of India.

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SIMLA, SATURDAY, JUNE 17, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART IV.

Acts of the Governor General's Council assented to by the Governor General.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

[Second publication.]

The following Act of the Governor General of India in Council received the assent of His Excellency the Governor General on the 7th June, 1882, and is hereby promulgated for general information :—

ACT No. XVII OF 1882.

An Act to amend the Indian Ports Act, 1875.

WHEREAS it is enacted by the Indian Ports Act, 1875, section thirty-eight, that no vessel of the burden of two hundred tons or upwards shall be moved in any port to which that section has been specially extended without having a Pilot, Harbour-master or Assistant of the Master Attendant or Harbour-master on board; and that no vessel of any burden less than two hundred tons and exceeding one hundred tons shall be moved in any such port without having on board a Pilot, Harbour-master or Assistant of the Master Attendant or Harbour-master, unless authority in writing so to do has been obtained from the Conservator or some officer empowered by him to give such authority;

And whereas it is expedient to exempt Native vessels when moved in the Port of Bombay from the provisions of the recited section;

And whereas it is also expedient to exempt pleasure-yachts throughout British India from the levy of port-dues;

It is hereby enacted as follows :—

Short title. Commencement.

1. This Act may be called the Indian Ports Act, 1882; and it shall come into force at once.

Amendment of section 38 of Act XII of 1875 as to Native vessels in Port of Bombay.

2. To the recited section the following words shall be added :—

"Nothing in this section shall apply to Native vessels when they are moved in the Port of Bombay.

"If any question arises as to whether any vessel is a Native vessel within the meaning of this section, the decision thereon of such authority as the Governor of Bombay in Council may from time to time appoint in this behalf shall be conclusive."

Addition to Act XII of 1875.

3. After section fifty-eight of the Indian Ports Act, 1875, the following section shall be inserted, namely :—

Port-dues not chargeable on pleasure-yachts.

"58A. No port-dues shall be chargeable in respect of any pleasure-yacht."

D. FITZPATRICK,
Secy. to the Govt. of India.

The Gazette of India.

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SIMLA, SATURDAY, JUNE 17, 1882.

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PART V.

Bills introduced into the Council of the Governor General for making Laws and Regulations, or published under Rule 22.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

[Third publication.]

The following Bill was introduced into the Council of the Governor General of India for the purpose of making Laws and Regulations on the 31st May, 1882:—

No. 7 OF 1882.

A Bill to modify temporarily certain provisions of the Petroleum Act, 1881.

Preamble.

WHEREAS there is reason to doubt whether the mode of testing petroleum prescribed by the Petroleum Act, 1881, is in all cases to be relied on in India, and it is therefore expedient, pending the removal of that doubt, or the adoption of an improved mode of testing petroleum, to afford, in respect of petroleum imported under certain guarantees as to its quality, some relief from the difficulties under which, owing to the said doubt, persons dealing in such petroleum might otherwise labour; It is hereby enacted as follows:—

Short title.

1. This Act may be called the Petroleum Act, 1882.

Commencement. Duration.

It shall come into force at once, and shall continue in force only until the first day of January, 1883, or such later date as the Governor General in Council may, from time to time, by notification in the *Gazette of India*, fix in this behalf,

This Act to be read with Act VIII of 1881.

and as long as it continues in force shall be read with, and taken as part of, the Petroleum Act, 1881.

Certain petroleum not to be deemed "dangerous petroleum."

2. Whenever it appears to the Governor General in Council that certificates of any description are commonly granted in any place beyond the limits of British India in respect of petroleum exported from that place to British India and that a certificate of that description is sufficient to prove that the petroleum therein referred to would, if tested in the manner prescribed by the Petroleum Act, 1881, at the place from which it is exported, have a flashing point not below seventy-three degrees of Fahrenheit's thermometer, the Governor General in Council may direct that petroleum imported from that place and covered by a certificate of that description shall not be deemed to be dangerous petroleum.

While any such direction continues in force, petroleum to which it applies shall not be deemed to be dangerous petroleum.

STATEMENT OF OBJECTS AND REASONS.

COMMUNICATIONS received by the Government of India by telegraph within the last two or three weeks afford ground for apprehending that petroleum which, when tested in America and elsewhere in the manner prescribed by the Petroleum Act, 1881, flashes at a point above 73° Fahrenheit may, when tested in the same manner on its arrival here, flash at a point below 73° Fahrenheit, and consequently have to be placed under the restrictions to which dangerous petroleum is subject. It has been suggested that this is probably due not to any want of care on the part of those applying the test in either country, but to the difference of climate. Steps have been taken with a view to having the matter fully inquired into; but as this will take some time, and as it is but fair that importers should in the meanwhile be relieved from the hardship to which they are exposed, it is proposed for the present to exclude from the class of dangerous petroleum all petroleum covered by a certificate granted at the place of export and of such a description that, in the opinion of the Governor General in Council, it may be accepted as proving that the petroleum it refers to, if tested at the place of export according to our method, would be found to have a flashing point above 73° Fahrenheit.

C. P. ILBERT.

The 31st May, 1882.

D. FITZPATRICK,
Secy. to the Govt. of India.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

[First publication.]

The following Bill was introduced into the Council of the Governor General of India for the purpose of making Laws and Regulations on the 14th June, 1882, and was referred to a Select Committee:—

No. 8 OF 1882.

THE PANJÁB UNIVERSITY BILL, 1882.

CONTENTS.

PREAMBLE.

SECTIONS.

1. Short title.
   Commencement.
2. Establishment of University.
   University to be a Body Corporate.
3. Property of Panjáb University College to vest in University.
4. Chancellor.
5. Vice-Chancellor.
6. Fellows.
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7. The appointment of a Fellow may be cancelled.
8. Office of Vice-Chancellor vacated by leaving India.
9. First Vice-Chancellor and Fellows appointed.
10. Chancellor, Vice-Chancellor and Fellows to form Senate of the University.
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11. Chairman appointed.
12. Questions to be decided at meetings of the Senate.
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13. Appointment and removal of examiners and officers.
14. Power to confer degrees, &c., after examination.
15. Power to confer degrees on persons who have passed examinations at the Lahore University College in 1882.
16. Power to confer honorary degrees.
17. Power to levy fees.
18. Power to make rules.

THE SCHEDULE.

PART I.—OFFICES TO BE DEEMED TO HAVE BEEN SPECIFIED IN SECTION 6, CLAUSE (*a*).

PART II.—PERSONS TO BE DEEMED TO HAVE BEEN APPOINTED FELLOWS UNDER SECTION 6, CLAUSE (*b*).

A Bill to establish and incorporate the University of the Panjáb.

Preamble.

WHEREAS an Institution, styled at first the Lahore University College but subsequently the Panjáb University College, was established at Lahore in the year 1869 chiefly for the purpose of promoting the diffusion of European science, as far as possible, through the medium of the vernacular languages of the Panjáb, improving and extending vernacular literature generally, affording encouragement to the enlightened study of the Eastern classical languages and literature, and associating the learned and influential classes of the Province with the officers of Government in the promotion and supervision of popular education;

But it was at the same time provided that every encouragement should be afforded in that institution to the study of the English language and literature, and that in all subjects which could not be completely taught in the vernacular the English language should be regarded as the medium of examination and instruction therein;

And whereas this Institution was by a Notification, No. 472, dated 8th December, 1869, published in the *Panjáb Government Gazette* of the twenty-third day of December, 1869, declared to be so established in part fulfilment of the wishes of a large number of the Chiefs, Nobles and influential classes of the Panjáb, and it is now expedient, the said Institution having been attended with success, further to fulfil the wishes of the said Chiefs, Nobles and influential classes, by constituting the said Institution a University for the purpose of ascertaining, by means of examination or otherwise, the persons who, having studied in such Colleges as may be affiliated in manner hereinafter provided, have acquired proficiency in different branches of Literature, Science and Art, and for the purpose of conferring upon them academical degrees, diplomas, licenses and marks of honour;

And whereas it is also expedient that the University so constituted should be incorporated, and that the property, moveable and immoveable, which has been hitherto held by, or in trust for, the said Institution should become the property of the University, subject to all existing trusts as to the manner in which, and the purposes to which, that property or any part thereof is to be applied;

The draft Bill referred to is that annexed to Panjáb letter No. 1277, dated 30th March, 1881.

It is hereby enacted as follows :—

Draft Bill, s. 1.

Short title. Commencement.

1. This Act may be called the Panjáb University Act, 1882; and it shall come into force at once.

cf. draft, s. 2. cf. also 42 & 43 Vic., c. 65, s. 2.

Establishment of University.

2. *(1)* A University shall be established at Lahore under the patronage of the Governor General for the time being.

Draft, s. 4: Act II of 1857, s. 3. cf. 42 & 43 Vic., c. 65, s. 3.

(2) The University so established shall consist of a Chancellor, a Vice-Chancellor and such number of Fellows as may be determined in manner hereinafter provided.

Draft, ss. 2 & 3: Act II of 1857, ss. 1 & 2. cf. 42 & 43 Vic., c. 65, s. 3.

University to be a Body Corporate.

(3) The University shall be a Body Corporate by the name of the University of the Panjáb, having perpetual succession and a common seal, with power to acquire and hold property, moveable or immoveable, to transfer the same, to contract, and to do all other things necessary for the purposes of its constitution.

(4) The University shall come into existence on such day as the Local Government may by notification in the official Gazette appoint in this behalf.

New. cf. 42 & 43 Vic., c. 65, s. 12.

Property of Panjáb University College to vest in University.

3. All the property, moveable and immoveable, at present held by or in trust for the Panjáb University College shall, when this Act comes into force, become the property of the University, to be administered by it for the purposes of the University subject to all existing trusts as to the manner in which, and the purposes to which, that property or any part thereof is to be applied.

Draft, s. 5: Act II of 1857, s. 4.

Chancellor.

4. The Lieutenant-Governor of the Panjáb for the time being shall be the Chancellor of the University; and the first Chancellor shall be the Hon'ble Sir Charles Umpherston Aitchison, Knight Commander of the Most Exalted Order of the Star of India, Companion of the Order of the Indian Empire, Doctor of Laws.

Draft, s. 6: Act II of 1857, s. 5.

Vice-Chancellor.

5. The Vice-Chancellor shall be such one of the Fellows as the Chancellor may, from time to time, by notification in the local official Gazette, appoint in this behalf.

He shall hold office for two years from the date of his appointment, and on the expiration of his term of office may be reappointed.

Draft, s. 8.

Fellows.

6. The following persons shall be Fellows, namely :—

(a) every person who has held the office of Chancellor and all persons for the time being holding such offices under Government as the Chancellor may, from time to time, by notification in the local official Gazette, specify in this behalf;

(b) persons whom the Chancellor may, from time to time, by like notification, appoint by name as being eminent benefactors of the Panjáb University, original promoters of the movement in favour of the establishment of the Panjáb University College, or persons distinguished for attainments in Literature, Science or Art, or for zeal in the cause of education;

(c) such persons (if any) as may from time to time be elected by the Senate hereinafter constituted, and approved by the Chancellor; and — Draft, s. 9.

(d) the representatives for the time being with the Government of the Panjáb of such Chiefs (if any) of territories not comprised in British India as the Lieutenant-Governor may, from time to time, by like notification, specify in this behalf:

Provided—

Number of Fellows.

(1) that the whole number of the Fellows holding office under clauses *(a)*, *(b)* and *(c)* exclusive of the Vice-Chancellor shall never be less than fifty; and — Draft, s. 7: Act II of 1857, s. 6.

(2) that the number of persons elected under clause *(c)* shall never exceed the number appointed under clause *(b)*.

The appointment of a Fellow may be cancelled.

7. The Chancellor may, whenever he thinks fit, by a notification in the local official Gazette, cancel the appointment of any Fellow appointed under section six, clause *(b)*, or cancel or amend any notification issued under section six, clause *(a)* or clause *(d)*. — Draft, s. 10: Act II of 1857, s. 7.

Office of Vice-Chancellor vacated by leaving India.

8. If a Vice-Chancellor leaves India without the intention of returning thereto, he shall thereupon cease to be Vice-Chancellor. — Draft, s. 4.

First Vice-Chancellor and Fellows appointed.

9. *(1)* James Broadwood Lyall, Esquire, of the Bengal Civil Service, and at present Financial Commissioner of the Panjáb, shall be deemed to have been appointed the first Vice-Chancellor under section five; and his term of office shall expire on the first day of September, 1884. — Draft, s. 2: Act II of 1857, s. 5.

(2) The offices specified in Part I of the schedule hereto annexed shall be deemed to have been specified in a notification issued under section six, clause *(a)*; and

(3) the persons named in Part II of that schedule shall be deemed to have been appointed Fellows under clause *(b)* of that section.

Chancellor, Vice-Chancellor and Fellows to form Senate of the University.

10. *(1)* The Chancellor, Vice-Chancellor and Fellows for the time being shall form the Senate of the University. — Draft, s. 11: Act II of 1857, s. 8.

Senate to superintend the affairs of the University.

(2) The Senate shall have the entire management and superintendence over the affairs, concerns and property of the University, and shall provide for that management and exercise that superintendence at meetings convened in accordance with the rules made under this Act.

Chairman appointed.

11. At every meeting of the Senate the Chancellor, or in his absence the Vice-Chancellor, shall preside as Chairman; and, in the absence of both, a Chairman shall be chosen by the Fellows present, or the majority of them.

Questions to be decided at meetings of the Senate.

12. Every question which comes before the Senate at a meeting shall be decided by a majority of the votes of the members present; and the Chairman at any such meeting shall have a vote, and, in case of an equality of votes, a second or casting vote: — Draft, s. 12: Act II of 1857, s. 9.

Provided that no question shall be decided at any such meeting unless fourteen Fellows at the least besides the Chairman are present at the time of the decision.

Number of members to be present at meeting of Senate.

Draft, s. 13: Act II of 1857, s. 10.

13. Subject to such rules as may be made under this Act, the Senate may from time to time appoint and remove all examiners, officers and servants of the University, and may also appoint a Syndicate.

Appointment and removal of examiners and officers.

Draft, s. 14.

14. *(1)* The Senate may confer on all persons who have gone through such previous course of instruction in an affiliated college, passed such examinations in the University, and fulfilled such other conditions as may be prescribed by the rules to be made under this Act,—

Power to confer degrees, &c., after examination.

Act II of 1857, s. 11.

(*a*) the degrees of Bachelor of Arts, Master of Arts, and, if empowered by the Governor General in Council in this behalf, the degrees of Bachelor of Laws, Bachelor of Medicine, Doctor of Medicine and Master of Civil Engineering, as the case may be;

Act XLVII of 1860, s. 1.

(*b*) such other degrees and such diplomas or licenses as may be prescribed by any rules made under this Act; and

Act II of 1857, s. 11.

(*c*) such marks of honour for a high degree of proficiency in the different branches of Literature, Science and Art as may be prescribed by rules made as aforesaid.

(2) "Affiliated College" in this section means such Colleges as may from time to time be affiliated to the University by an order of the Senate approved of by the Local Government and confirmed by the Governor General in Council.

(3) An order affiliating a College may be rescinded by an order similarly made, approved and confirmed.

Draft, s. 16: Act II of 1857, s. 13.

15. Notwithstanding anything in section fourteen, the Senate may confer degrees, diplomas, licenses or marks of honour as provided by that section on all persons who have in the year 1882, and previous to the passing of this Act, passed such examinations prescribed by the Panjáb University College as may be sufficient to satisfy the Senate that they are persons qualified in point of learning to obtain those degrees, diplomas, licenses or marks of honour.

Power to confer degrees on persons who have passed examinations at the Lahore University College in 1882.

Draft, s. 15: Act XXI of 1875, s. 1.

16. Notwithstanding anything hereinbefore contained, the Senate may grant a degree to any person without requiring him to undergo any examination for that degree:

Power to confer honorary degrees.

Provided that the Vice-Chancellor, and not less than ten of the members of the Syndicate appointed under section thirteen (exclusive of the Vice-Chancellor, if a member of that Syndicate) certify in writing that in their opinion that person is, by reason of eminent position and attainments, a fit and proper person to receive such degree.

Draft, s. 18: Act II of 1857, s. 15.

17. The Senate may charge such reasonable fees, on admission into the University, for continuance therein, and for the degrees, diplomas and licenses to be conferred by it, as the University, with the approbation of the Chancellor, from time to time, thinks fit to impose.

Power to levy fees.

Draft, s. 11.

18. *(1)* The Senate may from time to time make rules consistent with this Act touching—

Power to make rules.

(*a*) the mode and time of convening the meetings of the Senate;

(*b*) the appointment, removal and remuneration of the examiners, officers and servants;

(*c*) the appointment of the Syndicate;

(*d*) the previous course of instruction to be followed, the examinations to be passed, and the other conditions to be fulfilled by candidates for degrees, diplomas, licenses and marks of honour respectively;

(*e*) the conduct of examinations for the mode of granting, and the titles of, degrees, diplomas, licenses and marks of honour; and

(*f*) generally all matters regarding the University.

(2) All such rules shall be reduced into writing, and shall, after the common seal of the University has been affixed thereto, and they have been confirmed by the Lieutenant-Governor and sanctioned by the Governor General in Council, be binding on all persons, members of the University, or admitted thereto, and on all candidates for degrees, diplomas, licenses and marks of honour.

THE SCHEDULE.

(*See Section 9.*)

PART I.

Offices to be deemed to have been specified under section 6, clause (*a*):—

Judge of the Chief Court, Panjáb;
Financial Commissioner of the Panjáb;
Surgeon-General of the Panjáb;
Commissioner of Lahore;
Commissioner of Delhi;
Commissioner of Amritsar;
Accountant-General of the Panjáb;
Director of Public Instruction, Panjáb;
Principal of the Lahore Government College;
Principal of the Lahore Medical School;
Inspector of Schools;
Deputy Commissioner of Lahore;
Deputy Commissioner of Delhi;

PART II.

Persons to be deemed to have been appointed Fellows under section 6, clause (*b*):—

His Highness Mahárájá Ranbír Singh, of Jammu and Kashmir, G.C.S.I., C.I.E., Counsellor of the Empress of India;

His Highness Mahárájá Rájindar Singh, of Patiala;

His Highness Nawáb Sádik Muhammad Khán, of Bahawalpur, G.C.S.I.;

His Highness Rájá Raghbír Sing, of Jind, G.C.S.I., C.I.E., Counsellor of the Empress of India;

His Highness Rájá Híra Singh, of Nabha, G.C.S.I.;

His Highness Rájá Jagatjit Singh, of Kapurthala;

Rájá Bije Sen of Mandi;

Nawáb Ibrahim Ali Khán, of Máler Kotla;

Nawáb Abdul Majíd Khán;

Sardár Ajít Singh, Atáriwála;
Rai Amín Chand, Sardár Bahádur;
Maláz-ul-Ulma Sardár Atar Singh, C.I.E., of Bhadaur;
Major-General Henry Prevost Babbage, Bengal Staff Corps, late Deputy Commissioner, Panjáb;
David Graham Barkley, Esquire, M.A., Bengal Civil Service, Barrister-at-Law;
Deputy Surgeon-General Henry Walter Bellew, C.S.I.;
Reverend Edward Bickersteth, M.A.;
Charles Boulnois, Esquire, Barrister-at-Law, late Judge, Chief Court, Panjáb;
Sardár Bikrama Singh, C.S.I., Ahluwália;
Arthur Brandreth, Esquire, Barrister-at-Law, late of the Bengal Civil Service, and Judge, Chief Court, Panjáb;
Surgeon-Major Thomas Edwin Burton Brown, M.D.;
James Scarlett Campbell, Esquire, late of the Bengal Civil Service, and Judge, Chief Court, Panjáb;
Surgeon-Major William Center, M.D., M.A.;
Reverend Robert Clark, M.A.;
John Graham Cordery, Esquire, M.A., Bengal Civil Service;
The Hon'ble Henry Stuart Cunningham, Esquire, M.A., Barrister-at-Law, Judge of the High Court, Calcutta;
Surgeon-Major Alexander Morrison Dallas;
Mansel Longworth Dames, Esquire, Bengal Civil Service;
Deputy Surgeon-General Annesley Charles Castriot DeRenzy, B.A.;
Sir Robert Henry Davies, K.C.S.I., C.I.E., late Lieutenant-Governor of the Panjáb and its Dependencies;
Colonel William George Davies, C.S.I.;
Sir Robert Eyles Egerton, K.C.S.I., C.I.E., Counsellor of the Empress, late Lieutenant-Governor of the Panjáb and its Dependencies;
Dennis Fitzpatrick, Esquire, B.A., Bengal Civil Service, Barrister-at-Law;
Reverend C. W. Foreman, D.D.;
The Right Reverend Thomas Valpy French, D.D., Lord Bishop of Lahore;
Munshi Ghulám Nabi;
Surgeon-Major Robert Gray, M.B.;
Major Leopold John Henry Gray, C.S.I., Bengal Staff Corps;
Sir Lepel Henry Griffin, K.C.S.I., Bengal Civil Service;
Pandit Guru Parshád;
Syad Hádi Husain Khan;
Rája Harbans Singh;
Kaur Harnám Singh, Ahluwália;
Edward Piercy Henderson, Esquire, Bengal Civil Service, Barrister-at-Law;
Surgeon-Major George Henderson, M.D.;
Mir Hidáyat Ali Khán, Bahádur;
Lieutenant-Colonel William Rice Morland Holroyd;
Reverend W. Hooper, M.A.;
Reverend T. P. Hughes, B.D.;
Munshi Hukm Chand;
Sodhi Hukm Singh;
Denzil Charles Jelf Ibbetson, Esquire, B.A., Bengal Civil Service;
Rájá Jahándád Khán, Khán Bahádur, Ghakkar;
Agha Kalbabid;
Fakír Syad Kamr-ud-din;
Rai Bahádur Kanhya Lal, C.E.;
Khán Bahádur Khán Muhammad Shah;
Bába Khem Singh, C.I.E., Bedi;
John Lockwood Kipling, Esquire;
Charles Robert Lindsay, Esquire, late of the Bengal Civil Service, and Judge, Chief Court Panjáb;
Surgeon Edward Lawrie, M.D.;
Gottlieb William Leitner, Esquire, M.A., PH.D., LL.D.
Thomas Crampton Lewis, Esquire, M.A.;
James Broadwood Lyall, Esquire, Bengal Civil Service.
General Robert Maclagan, R.E., late Secretary to Government, Panjáb, Public Works Department;
Colonel Charles Alexander McMahon;
The Ven'ble Henry James Matthew, M.A., Archdeacon of Lahore;
Colonel Julius George Medley, R.E.;
Philip Sandys Melvill, Esquire, C.S.I., late of the Bengal Civil Service, and Governor-General's Agent, Baroda;
John Andrew Erasmus Miller, Esquire;
Pandit Moti Lal, Káthju;
Khán Bahádur Muhammad Barkat Ali Khán;
Muhammad Hyat Khán, C.S.I.;
Khalifa Syad Muhammad Hussain;
Rái Mul Singh;
Násir Ali Khán, Kazilbásh;
Náwab Nawázish Ali Khán;
Major Edward Newbery;
Bábu Navina Chandra Rái;
Edward O'Brien, Esquire, Bengal Civil Service;
Henry Edmund Perkins, Esquire, Bengal Civil Service;
Henry Meredith Plowden, Esquire, B.A., Barrister-at-Law;
Major-General Charles Pollard, R.E.;
Baden Henry Baden-Powell, Esquire, Bengal Civil Service;
Edward Augustus Prinsep, Esquire, late of the Bengal Civil Service, and Settlement Commissioner, Panjáb;
Honorary Surgeon Rahim Khán, Khán Bahádur;
Diwán Rám Náth;
William Henry Rattigan, Esquire, M.A., PH.D., Barrister-at-Law;
Pandit Rikhí Kesh;
Rájá Sir Sahib Dyál, K.C.S.I.;
Rái Bahádur Sahib Singh;
Leslie Seymour Saunders, Esquire, Bengal Civil Service;
David Simson, Esquire, late of the Bengal Civil Service, and Judge, Chief Court, Panjáb.
Brigade-Surgeon John Barcley Scriven, late Civil Surgeon, Lahore;
John Sime, Esquire, B.A.;
Surgeon-General Charles Manners Smith, late of the Indian Medical Service;
John Watt Smyth, Esquire, Bengal Civil Service, Barrister-at-Law;
Charles Henry Spitta, Esquire, LL.B., Barrister-at-Law;
Thomas Henry Thornton, Esquire, D.C.L., C.S.I., late of the Bengal Civil Service, and Judge, Chief Court, Panjáb;
Thomas William Hooper Tolbort, Esquire, Bengal Civil Service, Barrister-at-Law;
Charles Lewis Tupper, Esquire, B.A., Bengal Civil Service;
Major Isaac Peatt Westmoreland, R.E.;
Major-General Gordon Young;
William Mackworth Young, Esquire, M.A., Bengal Civil Service;
Maulvi Ziá-ud-din Khán.

STATEMENT OF OBJECTS AND REASONS.

IN the year 1869 the Governor General in Council was pleased, in accordance with the recommendations of the Lieutenant-Governor of the Panjáb, and in part fulfilment of the wishes of a large number of the chiefs, nobles and influential classes of the Panjáb, to sanction the establishment at Lahore of an institution, then styled the Lahore University College, but subsequently styled the Panjáb University College. The special objects of this College, as stated by its statutes, were as follows :—

(1) to promote the diffusion of European science as far as possible through the medium of the vernacular languages of the Panjáb, and to improve and extend vernacular literature generally ;

(2) to afford encouragement to the enlightened study of Eastern classical languages and literature; and

(3) to associate the learned and influential classes of the Province with the officers of Government in the promotion and supervision of popular education.

It was, however, at the same time laid down that every encouragement should be afforded to the study of the English language and literature, and that in all subjects which could not be completely taught in the Vernacular the English language would be regarded as the medium of examination and instruction.

At the time of the establishment of this College, promises were held out by Government that, if attended with due success, it might eventually be raised to the status of a University; and large sums of money have been, from time to time, given to the College by the chiefs and influential classes of the Panjáb, who have long looked forward to the fulfilment of these promises. As the College has, in the opinion of Government, been attended with due success, it has been determined to carry out what is believed to be the almost universal wish of the Natives of the Panjáb who are interested in education, and constitute the College a University.

2. The present Bill has, therefore, been prepared. Section 2 establishes the University, and confers on it all the powers of a body corporate. Section 3 provides for the transfer to the University of all the property at present held by or in trust for the University College. Sections 4 to 8 deal with the constitution of the University, and provide for a Chancellor, who is to be the Lieutenant-Governor of the Panjáb for the time being, a Vice-Chancellor to be appointed by the Chancellor, and a body of Fellows.

The Fellows will be of four classes, namely: (1) the holders for the time being of certain offices, who are to be *ex-officio* Fellows; (2) persons appointed by the Chancellor as being eminent benefactors of the University, original promoters of the movement in favour of the Panjáb University College, or persons distinguished for attainments in literature, science or art, or by zeal in the cause of education; (3) persons chosen by the Senate and approved by the Chancellor; and (4) the representatives for the time being with the Government of the Panjáb of such independent Native chiefs as the Lieutenant-Governor may by notification in the Gazette specify. The schedule annexed to the Act contains a list of the persons who are to be deemed to be the first Fellows. Sections 10, 11 and 12 provide for a Senate and matters connected therewith. Section 13 empowers the Senate to appoint and remove all examiners, officers and servants of the University. Section 14 empowers it to confer certain degrees, but restricts the exercise of the power to confer the degrees of Bachelor of Laws, Bachelor of Medicine, Doctor of Medicine and Master of Civil Engineering until the Governor General in Council has given his assent thereto; and section 15 gives it power to confer like degrees in the case of persons who may have passed during the year 1882 such examinations of the Panjáb University College as may correspond to the degree examinations of the University. Section 16 empowers the Senate to confer honorary degrees in certain cases; section 17 to levy fees; and section 18 to make rules generally in all matters regarding the University.

J. GIBBS.

The 7th June, 1882.

D. FITZPATRICK,
Secy. to the Govt. of India.

SUPPLEMENT TO

The Gazette of India.

№ 24.} CALCUTTA, SATURDAY, JUNE 17, 1882.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

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GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENTS OF PRICES CURRENT OF FOOD-GRAINS FOR THE 2nd HALF OF APRIL AND 1st HALF OF MAY 1882, PUBLISHED IN PAGES 796, 797, 848 AND 849 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 27th MAY AND 10th JUNE 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of last year.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of last year.	Rice. Best sort. Present fortnight.	Rice. Best sort. Past fortnight.	Rice. Best sort. Corresponding fortnight of last year.	Rice. Common. Present fortnight.	Rice. Common. Past fortnight.	Rice. Common. Corresponding fortnight of last year.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of last year.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of last year.	Lesser Millets, Ragi, &c. (Kavaru, Veragoo, Sawee, Cheena, Coraloo, Murhwa, Nuglee, &c.), *Panicum Miliaceum*, *Eleusine Coracana*, &c. Present fortnight.	Lesser Millets. Past fortnight.	Lesser Millets. Corresponding fortnight of last year.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of last year.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of last year.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of last year.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of last year.
	2nd half of April 1882.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.
	Arracan Division.																																
British Burma	Akyab	6 10	6 10	6 10	...	...	...	18 0	17 8	15 0	20 0	20 0	16 0	...	...	...	...	...	...	...	...	...	10 0	9 0	10 0	210 0	210 0	250 0	50 0	40 0	...	40 0	35 0	30 0
	Northern Arracan	...	...	...	...	...	...	11 0	10 0	...	12 0	11 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kyoukpyoo	...	...	...	...	...	...	18 1	18 11	17 12	19 9	20 2	19 4	...	...	...	...	...	...	...	...	...	4 0	4 0	4 0	200 0	180 0	280 0	...	100 0	...	a	...	42 0
	Sandoway	...	...	...	...	...	...	27 7	27 7	28 0	33 9	33 9	32 0	...	...	...	...	...	...	...	...	...	...	...	...	469 11	469 11	b	...	...	...	39 0	39 0	23 0
	Pegu Division.																																
	Rangoon town and Hanthawaddy	16 4	16 4	16 10	...	...	...	15 4	15 4	10 6	18 3	18 3	12 3	...	...	...	...	...	...	...	...	...	20 4	18 1	17 10	324 0	324 0	50 0	50 11	50 11	45 4	22 10	22 10	23 3
	Tharrawaddy	...	...	...	...	...	...	16 5	16 5	6 15	17 13	17 13	9 12	...	...	...	...	...	...	...	...	...	8 5	8 15	17 5	535 11	535 11	c	29 12	29 12	...	18 5	18 5	14 10
	Prome	18 3	18 3	9 0	...	...	...	16 12	16 12	13 8	19 10	19 10	14 0	...	...	...	...	...	...	...	...	...	24 4	15 9	20 0	139 11	139 11	d	32 4	32 4	...	18 10	18 10	28 0
	Irrawaddy Division.																																
	Thonegwa	...	...	...	...	...	...	13 11	16 12	11 10	18 6	18 6	14 0	...	...	...	...	...	...	...	...	...	16 13	13 7	9 0	147 10	147 10	e	47 5	47 5	...	44 5	44 5	14 0
	Bassein	...	...	...	...	...	...	14 4	13 8	11 5	21 9	22 12	13 6	...	...	...	...	...	...	...	...	...	15 1	12 12	13 6	145 4	142 4	157 0	39 0	39 0	24 8	30 1	28 6	21 0
	Henzada	...	...	...	...	...	...	17 14	17 14	12 4	26 0	26 0	15 12	...	...	...	...	...	...	...	...	...	...	...	...	183 8	183 8	f	29 9	29 9	...	29 9	29 9	28 0
	Thayetmyo	15 1	12 1	8 12	...	...	...	11 11	11 11	9 10	15 9	15 9	14 0	...	...	...	...	...	...	...	...	...	14 6	13 14	14 5	245 0	245 0	250 0	25 6	25 6	17 0	18 15	18 15	14 0
	Tenasserim Division.																																
	Moulmein town and Amherst	10 0	10 0	10 0	...	...	...	16 10	15 5	10 0	20 4	20 4	12 0	...	...	...	...	...	...	...	...	...	11 1	11 1	7 8	220 0	220 0	250 0	52 1	50 6½	18 0	24 0	22 6	13 0
	Tavoy	..	...	...	...	...	...	13 12	13 12	10 15	21 0	21 0	17 3	...	...	...	...	...	...	...	...	...	...	...	...	399 3	399 3	293 0	24 2	24 2	35 0	16 1	16 1	26 11
	Mergui	...	...	...	...	...	...	17 5	17 5	14 0	21 12	21 12	16 13	...	...	...	...	...	...	...	...	...	...	...	...	428 0	428 0	428 0	36 8	36 8	36 8	29 3	29 3	28 1
	Shwaygyin	...	...	...	...	...	...	13 13	15 15	10 2	15 9	17 9	12 4	...	...	...	...	...	...	...	...	...	...	...	...	250 0	250 0	..	39 5	27 3	32 9	14 2	18 14	14 0
	Toungoo	...	...	...	...	...	...	15 12	18 5	16 0	21 5	21 5	18 4	...	...	...	...	...	...	...	...	...	12 9	12 9	10 4	24 0	24 0	303 0	32 0	32 0	18 8	15 12	18 12	18 8
	Salween	...	...	...	...	...	...	...	7 14	...	...	8 4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14 8	...
	1st half of May 1882.																																
Central India	Indore	16 0	17 12	21 14	...	...	...	8 9	8 9	8 0	10 0	10 0	9 3	20 0	22 14	40 0	21 0	20 13	30 0	...	...	...	18 7	20 0	27 0	100 0	100 0	100 0	11 0	9 3	...	9 0	9 0	5 14
	Gwalior	...	...	16 13	22 6	22 7	21 4	7 5	7 7	6 12	9 10	9 10	9 8	22 6	22 7	21 11	17 6	17 13	16 7	...	...	...	20 10	21 0	18 12	109 8	109 8	127 12	...	...	...	10 10	11 7	9 12
	Goona	24 0	26 0	26 0	20 0	20 0	20 0	9 8	10 0	9 0	10 0	10 8	10 0	30 0	33 0	37 8	20 0	20 0	16 0	...	...	...	30 0	32 0	35 0	200 0	200 0	200 0	12 0	12 0	...	11 8	11 8	10 0
	Baghelkhand (Sutna)	22 3	23 0	22 8	35 0	35 5	34 0	7 0	7 0	7 0	20 12	23 0	19 8	39 3	40 0	30 15	25 3	25 12	23 3	...	...	...	33 0	32 0	28 10	160 0	160 0	160 0	12 8	12 8	...	11 12	10 12	10 12

a Rs. 40 per 100 maunds. b Rs. 2 per 100 billets. c Re. 1 per cart-load. d Re. 1-8 per cart-load. e 100 logs, 19 inches long and 5 inches girth, for Rs. 10. f 53 billets per rupee.

T. C. HOPE,

Secretary to the Government of India.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

ABSTRACT OF THE PROCEEDINGS OF THE COUNCIL OF THE GOVERNOR GENERAL OF INDIA, ASSEMBLED FOR THE PURPOSE OF MAKING LAWS AND REGULATIONS UNDER THE PROVISIONS OF THE ACT OF PARLIAMENT 24 & 25 VIC., CAP. 67.

The Council met at Government House, Simla, on Wednesday, the 7th June, 1882.

PRESENT:

His Excellency the Viceroy and Governor General of India, K.G., G.M.S.I., G.M.I.E., *presiding*.

His Honour the Lieutenant-Governor of the Panjáb, K.C.S.I., C.I.E.

His Excellency the Commander-in-Chief, G.C.B., C.I.E.

The Hon'ble J. Gibbs, C.S.I., C.I.E.

Major the Hon'ble E. Baring, R.A., C.S.I., C.I.E.

Major-General the Hon'ble T. F. Wilson, C.B., C.I.E.

The Hon'ble C. P. Ilbert, C.I.E.

The Hon'ble Sir S. C. Bayley, K.C.S.I., C.I.E.

The Hon'ble C. H. T. Crosthwaite.

The Hon'ble W. C. Plowden.

The Hon'ble W. W. Hunter, LL.D., C.I.E.

PORTS ACT AMENDMENT BILL.

The Hon'ble MR. ILBERT moved that the Report of the Select Committee on the Bill to exempt certain vessels from the Indian Ports Act, 1875, section 38, be taken into consideration. He said:—

"The original object of this Bill was very limited. It was merely to exempt certain Native vessels in Bombay harbour from particular provisions of the Act as to compulsory pilotage. The Bill was referred to a Select Committee, and, whilst it was in that stage, an application was made to exempt pleasure-yachts from liability to harbour-dues. It appeared on enquiry that pleasure-yachts are exempted from such dues, not only in English waters, but, as I understand, throughout European waters, and that the amount now levied in respect of these dues in British Indian waters is so trifling as not to compensate for the trouble and annoyance caused by the levy. Under these circumstances, we have, on the recommendation of the Government of India in the Financial Department, added a section amending the Indian Ports Act in such a way as to exempt pleasure-yachts throughout British India from the payment of port-dues, and we have amended the title of the Bill in such a way as to make it correspond to its extended scope."

The Motion was put and agreed to.

The Hon'ble MR. ILBERT also moved that the Bill, as amended, be passed.

The Motion was put and agreed to.

PETROLEUM BILL.

The Hon'ble MR. ILBERT also moved that the Bill to modify temporarily certain provisions of the Petroleum Act, 1881, be taken into consideration. He said:—

"This Bill, as I stated on the occasion of the last meeting of the Council, was introduced in compliance with the request of the Secretary of State, and

for the following reasons: It will be remembered that under the Act of 1881 the dangerous quality of petroleum is ascertained by a certain chemical test, which is described in the schedule to the Act, and is commonly known as Abel's test. Now, Professor Abel has recently advised the Secretary of State that conditions of climate make the test provided by the Act of 1881—his own test be it remembered—so uncertain as to be inapplicable in India. That is a very serious statement, and it is one which appears to shake the scientific foundations on which the Act of 1881 rests; and, if it is to be accepted as sound, it is difficult to avoid the conclusion that the Act of 1881 is unsuitable, and ought to be amended as soon as possible. Under these circumstances, and in order to meet certain cases which, as it was alleged, involved considerable hardship under the existing law, the Secretary of State suggested the expediency of passing forthwith a short temporary measure admitting petroleum on certificates granted at the port of departure. In deference to this suggestion, and to the opinion of the eminent scientific authority on which it was based, we prepared and introduced the present measure.

"It will be observed that this measure is temporary, provisional, and, above all things, permissive. It is temporary, as it is contemplated that it shall, after passing, continue in force only until the first day of January, 1883, or until such later date as the Governor General in Council may by notification direct. It is, on the face of it, provisional, as it is only intended to make provision for what is to be done pending certain further scientific inquiries considered necessary. Finally, it is permissive, as it does not come into operation of its own force, but merely enables the Governor General in Council to accept certain tests other than those provided by the Act of 1881, if on inquiry he is satisfied that they are sufficient.

"Further than that we were not prepared to go. We thought that we might with safety go so far, not intending to bring the Act into operation at once, but merely to take power to modify the Act in such a way as should be found suitable if on enquiry it was considered expedient to do so. Notwithstanding the passing of the Act, we should still have had to decide in our executive capacity what effect should be given to it. However, various representations have been made to us; we are instituting further inquiry, and, on the whole, we think it expedient not to proceed, even legislatively, with the measure in such a way as to produce the appearance of undue hurry; and in particular we are anxious to consult and obtain the opinion of such bodies as the Calcutta Chamber of Commerce. I shall, therefore, only move that the Bill be taken into consideration, and I do not propose to move that the rules for the conduct of business be in any way suspended.

"The Bill will be published in the ordinary course."

Major the Hon'ble E. BARING said:—"I merely wish to say that I entirely approve of the postponement of this measure. It deals with a question which is new to myself, and possibly to other Members of Council. I think that, before it is passed into law, both this Council and the public should have some further time to consider its provisions."

The Motion was put and agreed to.

The Hon'ble MR. ILBERT asked for leave to postpone the Motion that the Bill be passed.

Leave was granted.

The Council adjourned to Wednesday, the 14th June, 1882.

D. FITZPATRICK,

Secretary to the Government of India,

Legislative Department.

SIMLA;
The 7th June, 1882.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 13th JUNE 1882.

GENERAL REMARKS.—The monsoon has been progressing rapidly up the western coast, and most of the provinces which usually benefit thereby have received rain: thus the Bombay Presidency, part of the Nizam's Territories, the Berars, part of the Central Provinces, and the Central India and Rajputana States record more or less heavy rainfalls. From the Bay of Bengal the monsoon is now gaining strength, and more or less rain has fallen in all parts of Orissa and the Central Provinces districts bordering thereon, as well as in all parts of Bengal proper and Behar (excepting the Patna district and Durbhunga). British Burma, too, has received heavy rain. In Southern India the rains have continued heavy in Coorg, on the Malabar Coast, and in Travancore, and fair in the greater part of the Madras Presidency and of the Mysore State. In the Mulnad portion of Mysore, however, the fall has been heavy.

In Assam the southern districts continue to receive heavy rainfall, and other parts comparatively less. In the North-Western Provinces slight rain has again fallen in nearly every district; and in the Punjab four districts have had rain.

General prospects are favourable throughout the country; crops where on the ground are doing well; and ploughing and sowing almost everywhere are progressing satisfactorily. These operations are, however, retarded somewhat in parts of the Mysore State and in some of the southern districts of Bombay by too much rain. In the Madras Presidency two districts need more rain.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(June 14th)		
Bellary ...	·67 (average of seven stations).	Standing crops good; harvest paddy and sugarcane, yield of paddy below average, of sugarcane average; small-pox and fever in parts.
Kurnool ...	·42 (average of six stations).	Standing sugarcane and indigo suffering from want of water in parts; cattle-disease in parts.
Ganjam ...	·37 (average of ten stations).	Standing (wet and dry) crops thriving; small-pox, fever, and cholera prevalent; cattle-disease exists.
Kistna ...	·61 (average of nine stations).	Small-pox and cattle-disease in parts.
Chingleput (Madras) ...	·38 (average of two stations).	Standing crops good where water available; agricultural operations progressing; cholera, small-pox, and cattle-disease in parts.
Coimbatore ...	·84 (average of eleven stations).	Standing crops generally good, but *cholum* slightly attacked by insects in parts; harvest *cholum* and gingelly, outturn average.
Tanjore ...	·27 (average of five stations).	Standing crops generally good; harvest gingelly and chillies, outturn average.
Madura ...	·56 (average of five stations).	Standing crops fair; fever and cholera in parts.
Malabar ...	20·82 (average of fourteen stations).	Sowing of first crops nearly over in parts; small-pox, cholera, and fever in parts.
Travancore ...	7·26	Ploughing and sowing nearly over; fever slightly prevalent. *General Remarks.*—General prospects good.
Bombay—(June 14th)		
Kurrachee ...	No rain	Weather cloudy and sultry; river at Kotri on 12th 13⅓ feet, same as on corresponding date last year; fever in eight talukas; cattle-disease in Ghorabari; rice planting going on in Jerruck and Shahbandar divisions; water much wanted in Mirpur Botoro and Sujawal talukas; some damage to crops in Khathatappa by crabs and turtles; wheat, red rice, and *bajri* in Karachi 22, 40 and 30, in Sehwan 28, 48 and 48, in Ghorabari 16, 48 and 48, and in Sujawal 18, 48 and 48 lbs. per rupee respectively.
Hyderabad ...	Rain on 8th at Tandabago, 1·10.	River rising steadily; *kharif* operations general; hot winds still continue; wheat 24, *juari* 44, *bajri* 41, red rice 34, and white rice 22 lbs. per rupee.
Ahmedabad ...	(*Vide* remark column, which apparently includes rainfall of the week under report.)	Total rainfall 6·56; cholera—in Viramgaum 192 cases, 83 deaths, in Sanand 7 cases, 2 deaths, in Dhakroi 58 cases, 17 deaths; ploughing commenced; wheat 26 and *bajri* 29 lbs. per rupee.
Baroda ...	3·57	Total rainfall 4·44; sowings of rice commenced in Nausari; slight cholera in parts of Kari division; *bajri* 29 and common rice 23 lbs. per rupee.
Surat ...	4·26	Total rainfall 8·16; sowing commenced in places; 3 cholera deaths in Surat; *juari* 35 and *nagli* 32 lbs. per rupee.
Nasik ...	Average rainfall, 3·09; Nasik, 4·85; Igatpuri, 12·65; minimum in Yeola, 2·55.	Weather wet and windy; small-pox in Trimbak; *bajri* 33 and wheat 24 lbs. per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Colaba (Bombay) ...	Rain every day except on 9th; heavy on 11th; total of week 5·74.	Total rainfall to date 24·35, being 16·27 above average; abnormal temperature 2° cool from 7th to 10th, 5° cool on the 11th and 12th, and 3° cool on 13th; vapour in air in excess of normal on 7th, afterwards normal; gale on 11th and 12th; wind normal on 7th and 8th; abnormal wind strong from south-east on 9th and 10th, and from south-west from 11th to 13th; lightning and thunder on 11th.
Poona ...	Rain throughout district; maximum 4·36 at Indapur; minimum 1·05 at Purandhar.	Sowing operations progressing; *bajri* 41¼ and *juari* 55¼ lbs. per rupee, in Poona *bajri* 36¾ and *juari* 43½ lbs. per rupee.
Ahmednagar ...	Rain throughout the Collectorate—maximum at Jhamkhed, 6·09; minimum at Rahuri, 1·55.	Sowing of rain crops commenced in Nagar, Shrigonda, Sangamner, and Akola; large flight of locusts visited Kopergaon, Sangamner, and Parner; slight cattle-disease in Nagar and Newasa; cholera in Parner, 10 attacks, 2 deaths; *bajri*—maximum 60 lbs. in Jhamkhed, minimum 45 in Kopergaon; *juari*—maximum 84 in Jhamkhed, minimum 44 in Kopergaon.
Sholapur ...	Maximum rain in Sholapur, 11·40; minimum in Malsiras, 3·50; good rain throughout.	No fresh cholera cases; *juari* 72 lbs. 9 tolas and *bajri* 53 lbs. 33 tolas per rupee.
Dharwar ...	Rain in all talukas—maximum in Hangal, 6·40; minimum in Rannibennur, 1·45.	Break desired in Dharwar, Bankapur, Hangal, Kalghatgi, and Kod, where sowing is retarded; public health good; rice 22 lbs. per rupee.
Kanara ...	.....	No report received.
Rajkot ...	·65	Weather cloudy; cholera in Nawanagar, Gondal, Dhrol, Kotdasangam, Jetpur; Bagusra and Junagad; *bajri* 25 and *juari* 28 lbs. per rupee.
		General Remarks.—Rain throughout Presidency proper, heavy in the south, retarding sowing operations; slight fever and cattle-disease continue in a few districts; flights of locusts in Ahmednagar and Satara; cholera in Belgaum, Kaladgi, Satara, Ahmednagar, Ahmedabad, and parts of Kathiawar; prices generally steady.
Bengal—(June 14th)—		
Chittagong ...	Rain all over the district, 3·63.	Weather seasonable; transplanting progressing; cholera and small-pox continue; cattle-disease prevalent in some localities; prices somewhat higher.
Dacca ...	0·95; rain commenced on 12th.	Weather stormy; crops progressing as before; spring rice harvest estimated at 14 annas.
24-Pergunnahs (Calcutta)	5·34	Lands being prepared for early and winter rice and other crops; sowing in low lands progressing; late rain has done much good; prices of common rice stationary; health good.
Moorshedabad ...	1·30	Prospects of crops favourable; early rice still being sown in some places; elsewhere young plants flourishing; lands being prepared for winter sowings; public health generally good.
Rajshahye ...	1·06	Weather cloudy and showery; prospects of paddy and jute favourable; *sesamum* being cut; cholera and fever still reported; weather virulent.
Burdwan ...	1·05; general rain	Cultivation going on well; prospects favourable; health fair.
Rungpore ...	0·67	Prospects of crops favourable; sowing of winter rice going on; public health good.
Bhagálpur ...	1·01	Prospects good; paddy being sown; lands being prepared for sowing autumn crops; general health good, though many cases of cholera reported from Umulpur.
Purneah ...	0·40	Crops improved by rain, especially indigo; weather, mixed sunshine and cloud, favourable; weeding and sowing of winter rice proceeding; health improved; cattle-disease reported towards south-east; rivers rising.
Patna ...	*Nil*	Clouds threatening; rice and other autumn crops sowing proceeding; *china* and sugarcane doing well; cholera prevalent in Behar and Barrh sub-divisions and small-pox in Behar.
Durbhunga ...	*Nil*	Weather cool, east wind with clouds; crop prospects good; cholera abating fast in many places, but still bad in Tajpur.
Hazáribágh ...	2·60	Weather cloudy and showery for last three days; ploughing and sowing continue; a few small-pox cases still reported, health otherwise good; cattle-disease reported.
Cuttack ...	4·65	Rain proved beneficial; sowing still progressing; rivers in flood; cholera disappearing.
		General Remarks.—More or less rain in all parts of the province during the week except in Patna and Durbhunga; prospects everywhere very favourable; early rice, jute, and other autumn crops being sown; early sowings doing well; sowing of winter rice also commenced in some districts; sugarcane, indigo, and other crops in the ground progressing; spring rice harvest almost finished, general outturn good; cholera much diminished; sporadic cases of small-pox and cattle-disease still reported from a few districts.
N. W. Provinces and Oudh—		
Benares (June 13th)	Benares, ·20; Chandauli, ·40; no rain in Gungapur.	Weather burning; week hot, with heavy clouds; no agricultural operations in progress save irrigation of sugarcane; health of men and cattle generally good, though isolated cases of cholera are reported in city and in mauza Salempur and tahsil Chandauli; bazars well supplied with food-grains; prices rising slightly.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—*contd.*		
Cawnpore ...	.....	No report received.
Allahabad (June 14th)	Rain has fallen all over district.	Sky cloudy, heavy rain evidently impending; cholera decreasing in district, city continues healthy; a little cattle-disease, but not serious; prices stationary.
Gorakhpur („ 13th)	.....	Great heat prevails; weather cloudy, but little rain; cholera continues; ploughing in progress; prices slightly risen.
Jhánsi („ 12th)	·16 rain fell last night, and more is expected.	Ploughing commenced; markets well supplied; prices rising; small-pox amongst children is reported in pargana Jhánsi, otherwise public health is good; a few cases of cattle-disease in three parganas.
Agra („ 13th)	Rain in all parganas, from ·10 to 3·60.	*Kharif* sowings commenced; fever and small-pox continue in city and three parganas; general health good; prices rising.
Bareilly („ „)	Rain set in on 11th, with general fall of 2·00.	Weather now clearing up; sowings have begun.
Meerut („ „)	Meerut, ·50; Ludhiana, ·70; Ghaziabad, ·70; Mowana, ·80; Bagpat, ·90; Hapur, ·90.	Weather excessively sultry till Saturday, when a violent storm at night cooled the air, sky again clear, with west winds; health good; supplies sufficient; prices stationary.
Kumaun („ „)	Some rain	Weather cloudy; some measles and small-pox of mild type; cattle-disease continues; prices rising slightly.
Lucknow („ „)	A few showers	Wind easterly; weather cloudy and close; markets well supplied; prices rising; cholera increasing in city.
Partabgarh („ „)	Rain fell at Khunda on 7th and 11th; the rains appear to have regularly set in.	Prices steady; ploughing commenced; cholera continues about the same.
Sitapur („ „)	No rain beyond slight sprinkles.	Weather often cloudy; winds generally easterly but variable.
Fyzabad („ „)	·80	Sugarcane being irrigated; sowing of *dhan* and *khoda* commenced; cholera decreasing.
Rae Bareli („ 12th)	.....	Weather cloudy and sultry, wind shifty, mostly from the east; cholera in two tahsils; prices slightly rising.
Farukhabad („ 13th)	Slight showers in four tahsils.	Sky still cloudy; health of men and cattle good; prices fallen slightly.
		General Remarks.—Some rain fell in nearly every district, varying from slight showers to 5·40; *kharif* ploughing and sowing begun; markets well supplied, but prices rising slightly; cholera continues in Benares, Gorakhpur, Rae Bareli and Partabgarh, has increased in Lucknow, and decreased in Allahabad and Fyzabad; cattle-disease prevalent in Kumaun, a few cases reported from Allahabad and Jhánsi.
Punjab—(June 13th)		
Delhi ...	1·4	Health fair; prices stationary.
Hissar ...	Rain required	Weather stormy; small-pox continues at Hansi; prices stationary.
Umballa ...	No rain	Preparations for *kharif* sowings in progress; health fair; prices gradually rising.
Jullundur ...	About 1·6	Health good; prices steady.
Amritsar ...	No rain	Grain garnered; health fair; prices steady.
Sialkot ...	Slight rain	Health good; prices falling.
Lahore ...	No rain	Weather cloudy; health good; prices stationary.
Ferozepore ...	No rain	*Rabi* crops harvested; health good; prices of grain and barley gradually rising.
Mooltan ...	No rain	*Kharif* sowings still in progress; health good; slight rise in the price of barley.
Rawalpindi ...	4·3	Crops being garnered; health generally good; prices slightly fluctuating.
Dera Ismail Khan ...	No rain	*Kharif* sowings in progress; prices stationary.
Peshawar ...	No rain	Health good; prices steady.
		General Remarks.—Rain has fallen in the Delhi, Jullundur, Sialkot, and Rawalpindi districts; health of the province generally good; prices of food-grains generally steady.
Central Provinces—		
Nagpur ...	4·41	High winds; *kharif* sowings commenced; prices stationary.
Jubbulpore ...	6·19	Weather cloudy and cool; cholera and small-pox prevalent; rice 12 and wheat 19 seers per rupee.
Saugor (June 12th)	Slight rain	Weather close; land for *kharif* still under preparation; prices rising; health good.
Khandwa („ 14th)	6·03	Weather cloudy and stormy; *kharif* sowings commenced; small-pox prevalent; prices stationary; wheat 14 and *juari* 22½ seers per rupee.
Seoni ...	5·12	Cholera and small-pox prevalent; cattle-disease abating; prices risen, rice 13 and wheat 19 seers per rupee.
Hoshangabad (June 13th)	3·94	*Kharif* sowings commenced; small-pox prevalent; rice 9, wheat 14, and *juari* 24 seers per rupee.
Raipur („ 10th)	4·95	Rice sowings carried on briskly; health good; prices stationary; rice 35½ and wheat 30 seers per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Central Provinces— *contd.*		
Sambalpur (June 8th)	·60	Weather cloudy and showery; rice-fields under preparation; health good; rice 49 seers per rupee. *General Remarks.*—Weather cloudy and pleasant, with heavy rain in most districts; preparations for *kharif* sowings continue; cholera and small-pox abating; prices easy.
British Burma— (June 10th)		
Akyab ...	10·94	Total rainfall 25·69; 2 deaths from small-pox in town, disease still slightly prevalent in one township, otherwise public health good; cattle-disease severe in two townships.
Rangoon ...	2·63	Total rainfall 14·82; 1 death from small-pox, otherwise public health good.
Bassein ...	11·87	Total rainfall 23 70; public health good; a few deaths from cattle-disease in two townships.
Prome ...	2·61	Total rainfall 7·95; no deaths from cholera in Prome town, but a few deaths in district.
Amherst (Moulmein) ...	16·19	Total rainfall 39·75; public health good; cattle-disease has abated in one township, continues in another.
Toungoo ...	2·29	Total rainfall 14·94; seven deaths from small-pox in town, but no fresh cases, otherwise public health good; twelve deaths from cattle-disease in one township. *General Remarks.*—Small-pox is slightly prevalent in Akyab and Toungoo, and cholera more or less in a few places; public health is generally good; cattle-disease is severe in Akyab; prevalent in Amherst and a few other districts; ploughing has become general.
Assam—(June 14th)		
Gauhati ...	·34	Weather very hot, but has cooled down during the last two days; more rain wanted; prospects of crops continue favourable; cholera abated.
Sylhet ...	6·64	Cultivation proceeding; *amun* pretty well sown; *murali* nearly all sown; *aus* a little sown; *sali* nurseries mostly ready; cholera still reported; tea doing well.
Cachar ...	8·92	Days hot and sultry, nights rainy; more than half of *dumahi* and *murali* crops sown; 2 cases of cholera reported from Lakhimpur; common rice 26½ seers per rupee.
Dibrugarh ...	0·47	Weather hot; prospects of *aus* paddy good; ploughing for *sali* paddy in progress; cattle-disease still reported; public health good, except a few cases of small-pox in the North Lakhimpur sub-division and a few cases of cholera in the Sadr sub-division.
Mysore and Coorg— (June 14th)		
Bangalore ...	·42	Drizzling rain at intervals; young sugarcane in good condition; *poonji* ready; *harka*, gingelly, and lamp-oil seeds and ground-nuts sown in places; prospects favourable; no material change in prices.
Mysore ...	1·50	Light monsoon, with high winds; standing crops in good condition; prices fair.
Mercara ...	29·29	Rain heavy and continuous during the week; the Cauvery, with its tributaries, in full flood; vacancies in coffee estates being filled up by transplantation; prospects of season good; health good. *General Remarks.*—Rain has fallen throughout the Mysore State; agricultural operations retarded in the Mulnad owing to excessive rainfall; 4·54 inches at Hassan, above 3·39 inches at Chickmangalur; crops in good condition; prospects good; prices satisfactory; public health generally good; cholera continues slightly in the Yedattore and Ashtagram taluks of Mysore district.
Berar & Hyderabad— (June 14th)		
Amráoti ...	2·91	Cotton sowing commenced; prices—wheat 18 and *juari* 36 seers per rupee.
Akola ...	1·03	Weather warm; cotton sowing begun.
Hyderabad ...	1·82	Total rainfall from 1st January 5 inches; ground for coming *kharif* crop being still prepared; tanks have received small quantity of water; high south-west winds prevail; health in general improving; prices—wheat 16¼, coarse rice 10, white *juari* 24¼, yellow *juari* 29, and *tur* 28¾ seers per current sicca rupee.
Central India States— (June 14th)		
Indore ...	8·04	The monsoon has regularly set in; health good and prices steady.
Morar (Gwalior) ...	·70	Health good.
Sutna ...	·32	Public health good.
Rutlam ...	.....	No report received.
Neemuch ...	·15	Public health good.
Goona ...	1·29	Weather cloudy; wheat 21 seers per rupee.
Bhopal ...	1·05	Storms from south-west; ploughing for *kharif* active; health good.
Agar ...	Some rain on 13th	More rain required for sowing; health good.
Nowgong ...	1·11	Severe thunderstorm on 3rd; health good.
Manpur ...	6·75	Sowing of *makka* commenced; prices steady.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Rajputana—		
Abu (June 14th)	2·02	Weather close, sultry, cloudy, and foggy.
Sirohi („ 11th)	·20	Tanks and wells fair; health good; great storm on 7th.
Marwar ...	.....	No report received.
Meywar (June 10th)	1·41	Tanks, wells, and health good; ploughing commenced; monsoon burst on 3rd; thunderstorms daily.
Harowti („ „)	Deoli, ·10; Kotah, 1·24; Shahpura, ·88.	Weather cloudy, close; heat great; health good, but indifferent in some villages about Deoli; some cholera cases reported.
Jhallawar („ 7th)	·52	Small-pox still continues.
Ajmere („ 13th)	·12	Sickness about,—2 cases of cholera in Ajmere and cases reported in villages around.
Joypore („ „)	·57	Weather cloudy; easterly winds; few sporadic cases of cholera and small-pox in districts, otherwise health good.
Bhurtpore ...	.....	No report received.
Ulwur (June 14th)	Good rain on 11th	*Kharif* sowings commenced; health good.
Nepal—(June 9th)		
Katmandu ...	·90	Weather hot and close.

E. C. BUCK,
Secy. to the Govt. of India.

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☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

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SUPPLEMENT No. 25.

PART I.

Government of India Notifications, Appointments, Promotions, &c.

LEGISLATIVE DEPARTMENT.

NOTIFICATION.

Simla, the 22nd June, 1882.

No. 7.—The following Statute is published for general information:—

45 VIC., CAP 7.

An Act to provide, during twelve months, for the Discipline and Regulation of the Army. [*28th April, 1882.*]

WHEREAS the raising or keeping a standing army within the United Kingdom of Great Britain and Ireland in time of peace, unless it be with the consent of Parliament, is against law:

And whereas it is adjudged necessary by Her Majesty, and this present Parliament, that a body of forces should be continued for the safety of the United Kingdom, and the defence of the possessions of Her Majesty's Crown, and that the whole number of such forces should consist of one hundred and thirty-two thousand nine hundred and five men, including those to be employed at the depôts in the United Kingdom of Great Britain and Ireland for the training of recruits for service at home and abroad, but exclusive of the numbers actually serving within Her Majesty's Indian possessions:

And whereas it is also judged necessary for the safety of the United Kingdom, and the defence of the possessions of this realm, that a body of Royal Marine forces should be employed in Her Majesty's fleet and naval service, under the direction of the Lord High Admiral of the United Kingdom, or the Commissioners for executing the office of Lord High Admiral aforesaid:

And whereas the said marine forces may frequently be quartered or be on shore, or sent to do duty or be on board transport ships or vessels, merchant ships or vessels, or other ships or vessels, or they may be under other circumstances in which they will not be subject to the laws relating to the government of Her Majesty's forces by sea:

And whereas no man can be forejudged of life or limb, or subjected in time of peace to any kind of punishment within this realm by martial law, or in any other manner than by the judgment of his peers, and according to the known and established laws of this realm, yet nevertheless it being requisite, for the retaining all the before-mentioned forces, and other persons subject to military law, in their duty, that an exact discipline be observed, and that persons belonging to the said forces who mutiny or stir up sedition, or desert Her Majesty's service, or are guilty of crimes and offences to the prejudice of good order and military discipline, be brought to a more exemplary and speedy punishment than the usual forms of the law will allow:

44 & 45 Vic., c. 58.

And whereas the Army Act, 1881, will expire—

(*a*) in the United Kingdom, the Channel Islands and the Isle of Man, on the thirtieth day of April one thousand eight hundred and eighty-two; and

(*b*) elsewhere in Europe, inclusive of Malta, also in the West Indies and America, on the thirty-first day of July one thousand eight-hundred and eighty-two; and

(c) elsewhere, whether within or without Her Majesty's dominions, on the thirty-first day of December one thousand eight hundred and eighty-two;

Be it therefore enacted by the Queen's Most Excellent Majesty, by and with the advice and consent of the Lords Spiritual and Temporal, and Commons, in this present Parliament assembled, and by the authority of the same, as follows :—

Short title.

1. This Act may be cited as the Army (Annual) Act, 1882.

Army Act (44 & 45 Vic., c. 58) to be in force for specified times.

2. The Army Act, 1881, shall be and remain in force during the periods hereinafter mentioned, and no longer, unless otherwise provided by Parliament; that is to say :—

(1) within the United Kingdom, the Channel Islands and the Isle of Man, from the thirtieth day of April one thousand eight hundred and eighty-two to the thirtieth day of April one thousand eight hundred and eighty-three, both inclusive; and

(2) elsewhere in Europe, inclusive of Malta, also in the West Indies and America, from the thirty-first day of July one thousand eight hundred and eighty-two to the thirty-first day of July one thousand eight hundred and eighty-three, both inclusive; and

(3) elsewhere, whether within or without Her Majesty's dominions, from the thirty-first day of December one thousand eight hundred and eighty-two to the thirty-first day of December one thousand eight hundred and eighty-three, both inclusive;

and the day from which the Army Act, 1881, is continued in any place by this Act is in relation to that place referred to in this Act as the commencement of this Act.

44 & 45 Vic., c. 58.

The Army Act, 1881, while in force shall apply to persons subject to military law, whether within or without Her Majesty's dominions.

44 & 45 Vic., c. 58.

A person subject to military law shall not be exempted from the provisions of the Army Act, 1881, by reason only that the number of the forces for the time being in the service of Her Majesty, exclusive of the marine forces, is either greater or less than the number hereinbefore mentioned.

Prices in respect of billeting. 44 & 45 Vic., c. 58.

3. There shall be paid to the keeper of a victualling house for the accommodation provided by him in pursuance of the Army Act, 1881, the prices specified in the schedule to this Act.

Amendments of Army Act, 1881.

Correction of misprints in 44 & 45 Vic., c. 58.

4. Whereas the misprints hereinafter mentioned occur in the Army Act, 1881, and it is expedient to correct the same:

Be it therefore enacted as follows :—

(1) In section forty-six of the Army Act, 1881, the words "imprisonment exceeding seven days" shall be substituted for the words "punishment exceeding seven days," in the ninth sub-section.

(2) In section eighty-seven of the Army Act, 1881, the words "a proclamation in pursuance of the enactments relating to the calling out of the reserve on permanent service" shall be substituted for "a proclamation in pursuance of this Act" in the first sub-section.

(3) In section one hundred and thirty-eight of the Army Act, 1881, "section seventy-three" shall be substituted for the words "section seventy-one" in the third sub-section.

(4) In section one hundred and forty-four of the Army Act, 1881, the words "respecting his contract" shall be substituted for the words "respecting his conduct" in the second sub-section.

(5) In section one hundred and forty-five of the Army Act, 1881, the words "when any order or decree" shall be substituted for the words "when any order, decree" in the second sub-section.

(6) In section one hundred and seventy-five of the Army Act, 1881, the words "Indian military law" shall be substituted for the words "that law" in the seventh sub-section.

Removal of doubts as to section 90 (5) of 44 & 45 Vic., c. 58, as to discharged soldiers.

5. Whereas doubts may arise as to whether sub-section five of section ninety of the Army Act, 1881, applies to all soldiers of the regular forces when discharged, or only to such of those soldiers as are specified in the foregoing provisions of that section, and it is expedient to remove such doubts: Be it therefore enacted as follows :—

In section ninety of the Army Act, 1881, the words "as mentioned in the second sub-section of this section" shall be added after the words "or his re-engagement" in the fifth sub-section.

Printing of amendments. See 33 & 34 Vic., c. 101.

6. In all copies of the Army Act, 1881, which may be printed after the commencement of this Act the words by this Act directed to be substituted for other words shall be printed therein in lieu of the latter words, and the words directed by this Act to be added shall be added thereto.

SCHEDULE.

Accommodation to be provided.	Maximum price.
Lodging and attendance for soldier where hot meal furnished.	Twopence halfpenny per night.
Hot meal as specified in Part I of the Second Schedule to the Army Act, 1881.	One shilling and one penny halfpenny each.
Where no hot meal furnished, lodging and attendance and candles, vinegar, salt and the use of fire, and the necessary utensils for dressing and eating his meat.	Fourpence per day.
Ten pounds of oats, twelve pounds of hay and eight pounds of straw per day for each horse.	One shilling and nine pence per day.
Lodging and attendance for officer	Two shillings per night.

NOTE.—An officer shall pay for his food.

D. FITZPATRICK,
Secy. to the Govt. of India.

HOME DEPARTMENT.

NOTIFICATIONS.—PUBLIC.

Simla, the 23rd June 1882.

No. 957.—In continuation of the Notification of this Department, No. 760, dated the 19th ultimo, the Governor General in Council is pleased, under the provisions of Section 27 of the Indian Arms Act, 1878, to exclude swords imported for presentation as army or volunteer prizes from the operation of any prohibition and direction contained in that Act.

ESTABLISHMENTS.

The 22nd June 1882.

No. 263.—The services of Mr. Murray Hammick, of the Madras Civil Service, Officiating 1st Assistant Commissioner and District Magistrate of Coorg, are replaced at the disposal of the Government of Madras.

The 23rd June 1882.

No. 267.—*Appointments.*—Mr. A. H. L. Fraser, C.S., Commissioner of Excise in the Central Provinces, to be Junior Secretary to the Chief Commissioner and Director of Agriculture in the Central Provinces, with effect from the 10th February 1882.

Mr. F. C. Anderson, C.S., Assistant Secretary to the Chief Commissioner, to be Commissioner of Excise, *vice* Mr. Fraser.

Mr. F. C. Berry, C.S., Assistant Commissioner, 3rd Class, to be Assistant Secretary to the Chief Commissioner, *vice* Mr. Anderson.

MEDICAL.

The 23rd June 1882.

No. 267.—The services of Surgeon M. O'Dwyer, Officiating Medical Officer, 1st Native Infantry, are temporarily placed at the disposal of the Government of the North-Western Provinces and Oudh.

SANITARY.

The 23rd June 1882.

No. 178.—Surgeon-Major F. W. A. DeFabeck, Medical Officer of the Deoli Irregular Force, is appointed to officiate as Sanitary Commissioner for Bengal during the absence on leave of Surgeon-Major R. Lidderdale, M.D., or until further orders.

JUDICIAL.

The 22nd June 1882.

No. 860.—The Hon'ble Sir Richard Garth, KT., Q.C., Chief Justice of the High Court of Judicature at Fort William in Bengal, has obtained privilege leave for two months and three days, with effect from the 14th proximo, or from any subsequent date on which he may avail himself of it.

No. 867.—In exercise of the power conferred by Section 2 of Act VIII of 1874 and Section 2 of Act XII of 1874, the Governor General in Council is pleased to delegate to the Chief Commissioner of Assam, for the purpose of being exercised within the territories forming that Chief Commissionership, the powers over the said territories which at the time of the formation of the said Chief Commissionership were vested in the Lieutenant-Governor of Bengal by Bengal Act V of 1869 (An Act to empower the Lieutenant-Governor of Bengal to direct Courts of Sessions to be held in different towns in a district).

No. 869.—The services of Lieutenant W. S. Hewett, 8th Native Infantry, are placed temporarily at the disposal of the Government of the Punjab for employment as Officiating Cantonment Magistrate.

FORESTS.

The 21st June 1882.

No. 534F.—Mr. W. E. D'Arcy, Assistant Conservator of Forests of the 1st Grade in Assam, is transferred to the Hyderabad Assigned Districts.

A. MACKENZIE,
Secy. to the Govt. of India.

REVENUE AND AGRICULTURAL DEPARTMENT.

NOTIFICATIONS.—SURVEYS.

Simla, the 23rd June 1882.

No. 225S.—Consequent on the departure of Mr. T. W. H. Hughes, Officiating Deputy Superintendent, Geological Survey of India, on six months' leave, granted in Notification No. 177, dated the 12th ultimo, Mr. F. Fedden is appointed to officiate as Assistant in the 1st Grade, until further orders.

METEOROLOGY.

The 23rd June 1882.

No. 47 *Met.*—Mr. F. Chambers, Meteorological Reporter for Western India, is granted furlough on medical certificate for one year, under Section 127 of the Civil Leave Code, with effect from the 6th instant.

E. C. BUCK,
Secy. to the Govt. of India.

FOREIGN DEPARTMENT.

NOTIFICATIONS.—GENERAL.

Simla, the 23rd June 1882.

No. 1054 *G.G.*—Mr. J. A. Crawford, Bo. C. S., Attaché in the Foreign Department, officiated as a Political Assistant of the 1st Class from the 1st April to the 16th May 1882, inclusive.

No. 1055 *G.G.*—The services of Surgeon-Major F. W. A. DeFabeck, Medical Officer of the Deoli Irregular Force, are placed temporarily at the disposal of the Home Department.

No. 1058 *G.G.*—Mr. F. Holmwood, 1st Assistant to the Political Agent at Zanzibar, is granted privilege leave for three months, under Sections 70 and 71, Chapter V, of the Civil Leave Code, with effect from the 7th April 1882.

MILITARY.

The 23rd June 1882.

No. 132 *G.M.*—The following promotions are made in the 2nd Regiment, Central India Horse, with effect from the 1st May 1882 :—

Woordie-Major Mahomed Murad Ali Khan to be Ressaldar, *vice* Ressaldar Karam Singh, pensioned.

Ressaidar Garbha Singh to be Woordie-Major, *vice* Woordie-Major Mahomed Murad Ali Khan, promoted.

Jemadar Burmadin to be Ressaidar, *vice* Ressaidar Abdul Hakim Khan, pensioned.

Jemadar Sahibdad Khan to be Ressaidar, *vice* Ressaidar Garbha Singh, promoted.

Kote-Dafadar Abdul Rahman Khan to be Jemadar, *vice* Jemadar Sahibdad Khan, promoted.

Dafadar Jowahir Singh to be Jemadar, *vice* Jemadar Burmadin, promoted.

POLITICAL.

The 22nd June 1882.

No. 200 *G.P.*—Subject to the confirmation of Her Majesty's Government, His Excellency the Viceroy and Governor General in Council is pleased to recognise the appointment of Mr. H. Reinhold as Acting Consul for the Netherlands at Calcutta.

No. 203 *G.P.*—Subject to the confirmation of Her Majesty's Government, His Excellency the Viceroy and Governor General in Council is pleased to recognise the appointment of Mr. Martin Gutteling as Acting Consul for Sweden and Norway at Calcutta.

The 23rd June 1882.

No. 206 *G.P.*—Subject to the confirmation of Her Majesty's Government, His Excellency the Viceroy and Governor General in Council is pleased to recognise the appointment of Mr. G. B. Avellino as Acting Vice-Consul for the Kingdom of Italy at Rangoon during the absence of Mr. L. Biedermann.

No. 209 *G.P.*—Subject to the confirmation of Her Majesty's Government, His Excellency the Viceroy and Governor General in Council is pleased to recognise the appointment of Mr. G. B. Avellino as Acting Consular Agent for the Republic of France at Rangoon during the absence of Mr. L. Biedermann.

No. 212 *G.P.*—Subject to the confirmation of Her Majesty's Government, His Excellency the Viceroy and Governor General in Council is pleased to recognise the appointment of Mr. G. B. Avellino as Acting Consul for the Kingdom of Belgium at Rangoon during the absence of Mr. L. Biedermann.

No. 215 *G.P.*—With reference to Notification No. 93 G.P. of the 31st March 1882, the recognition by the Government of India of the appointment of Mr. L. Biedermann as Acting Consul for Belgium at Rangoon has been confirmed by Her Majesty's Government.

No. 218 *G.P.*—With reference to Notification No. 90 G.P. of the 31st March 1882, the recognition by the Government of India of the appointment of Mr. L. Biedermann as Acting Consular Agent for France at Rangoon has been confirmed by Her Majesty's Government.

No. 221 *G.P.*—Subject to the confirmation of Her Majesty's Government, His Excellency the Viceroy and Governor General in Council is pleased to recognise the appointment of Mr. Joseph Tintner as Acting Vice-Consul for Spain at Bombay during the absence of Mr. A. Blascheck.

C. GRANT,
Secy. to the Govt. of India.

DEPARTMENT OF FINANCE AND COMMERCE.

NOTIFICATIONS.

Simla, the 23rd June 1882.

No. 1822.—In exercise of the powers conferred by Section 46 of the Native Passenger Ships Act VIII of 1876, the Governor General in Council is pleased to make the following rules, to be substituted for the rules laid down in clause *A* of the Notification of the Government of India in the Department of Revenue, Agriculture and Commerce, No. 298, dated the 8th August 1877, *viz.*,—

I.—In the case of every ship to which the Native Passenger Ships Act applies, the scale on which provisions, fuel, and water are to be supplied to the passengers per head per diem shall be as follows :—

	For passengers bound for any port within 48 hours' sail.	For passengers bound for ports over 48 hours' sail.
(*a*) Provisions of fair quality—		
Rice	1 lb.	1 lb.
Flour or ship's biscuit	...	4 oz.
Pulse	4 oz.	4 oz.
Ghee or oil	½ oz.	1 oz.
Onions	2 oz.	2 oz.
Pumpkins, yams or other vegetables ...	...	2 oz.
Tamarind	...	1 oz.
Condiments (chillies, garlic, coriander seed, and turmeric)	½ oz.	½ oz.
Salt	½ oz.	½ oz.
(*b*) Fuel—		
Firewood	2 lbs.	2 lbs.
(*c*) Water—		
Fresh water (to be stored in iron tanks or sweet casks)	1 Imp. gal.	1 Imp. gal.

[NOTE.—In the case of steamers carrying an apparatus for distilling fresh water from salt water, a supply equal to five-sevenths of a gallon per head per diem shall suffice.

In Calcutta and Bombay such water shall be obtained from the municipal pipes.]

No. 1892.—Mr. A. U. Fanshawe, B.C.S., Post Master General, Bombay, having returned from privilege leave, resumed charge of his duties before noon on the 12th June 1882.

No. 1896.—Surgeon-Major H. W. Graham, Assay Master, Bombay Mint, having returned from privilege leave, resumed charge of his duties after noon on the 16th June 1882.

Surgeon-Major P. F. Bellew resumed charge of his duties as Deputy Assay Master, Bombay Mint, after noon on the 16th June 1882.

The services of Captain G. W. Martin are replaced at the disposal of the Revenue and Agricultural Department.

D. M. BARBOUR,
Offg. Secy. to the Govt. of India.

MILITARY DEPARTMENT.

Simla, the 23rd June, 1882.

APPOINTMENTS.

No. 344.—VOLUNTEER CORPS—

Ghazipur Volunteer Rifle Battalion.

Mr. Hercules Grey Ross, C.S., to be Major, *vice* Major F. W. Porter, C.S., resigned.

FURLOUGH AND LEAVE.

No. 345.—Lieutenant-Colonel (Brevet Colonel) J. W. McQueen, C.B., Bengal S. C., A. D. C. to the Queen, Commandant 5th Punjab Infantry, is granted furlough out of India (p. a.) for 304 days, under rule IX of the regulations of 1868, with effect from the 2nd February, 1882.

No. 346.—Major (Brevet Lieutenant-Colonel) H. F. Blair, R.E., Executive Engineer, 1st grade, Public Works Department, is granted furlough out of India (p. a.) for one year, under rule IX of the regulations of 1868, with effect from 16th October, 1882, in extension of the special leave granted to him in G. G. O. No. 572 of 1880.

No. 347.—Sub-Conductor A. Paterson, Commissariat Department, is granted leave in India (m. c.) for 182 days, under rule X of the regulations of 1875, with effect from the 24th March, 1882.

No. 348.—Surgeon-Major T. G. Skardon is granted furlough for the 17th October, 1881, in extension of that allowed in G. G. O. No. 250 of 1881.

No. 349.—The undermentioned officers have been granted extensions of furlough by the Right Hon'ble the Secretary of State for India :—

Major H. S. Hutchinson, Bengal S. C., (p. a.) for two months.

Captain W. Hailes, Bengal S. C., (m. c.) for two months.

Lieutenant E. A. Smith, R.A., (m. c.) for six months.

Surgeon J. Wilson, M.D., (p. a.) for 183 days.

Conductor M. Carew, Commissariat Department, (m. c.) for four months.

PROMOTIONS.

No. 350.—The promotion of Lieutenant-Colonel Cunliffe Martin, C.B., Bengal Cavalry, to the rank of Colonel by brevet, is antedated to the 1st October, 1881, subject to Her Majesty's approval.

No. 351.—MILITARY WORKS DEPARTMENT—

The following reversion and promotion are made in the Engineering Establishment, with effect from the dates specified :—

Name.	From	To	Date.
Lieut. C. C. Ellis, R.E.	Tempy. Ex. Engr., 4th Grade.	Asst. Engr., 1st Grade.	22nd April, 1882.
Lieut. C. C. Ellis, R.E.	Asst. Engr., 1st Grade.	Tempy. Ex Engr., 4th Grade.	30th April, 1882.

No. 352.—PUBLIC WORKS DEPARTMENT—

Rank and Names.	To what rank promoted.	From what date.	In succession to
Honorary Lieutenant and Assistant Commissary Joseph Mealin.	Deputy Commissary	22nd April, 1882	Honorary Captain and Deputy Commissary W. Wilson, pensioned.
Honorary Lieutenant and Deputy Assistant Commissary George McArthur.	Assistant Commissary.		
Conductor Joseph Edmundson ...	*Deputy Assistant Commissary.*		
Conductor John McDermott ...	*Deputy Assistant Commissary.*		
Conductor Matthew Johnstone ...	Deputy Assistant Commissary.		
Sub-Conductor Charles Atkinson ...	Conductor ...		
Sergeant Richard Jackson ...	Sub-Conductor ...		

No. 353.—NATIVE ARMY—

5th Bengal Cavalry.

Ressaldar Mir Hedayut Ally, to be Ressaldar-Major, *vice* Mahomed Uslum Khan, "Sirdar Bahadur," seconded,—23rd June, 1882.

17th Bengal Cavalry.

Jemadar Buldeo Singh, to be Ressaidar, *vice* Sulwunt Singh, invalided; Kote-Duffadar Wazeer Ali Khan, to be Jemadar, *vice* Buldeo Singh, promoted,—1st May, 1880.

1st Native Infantry.

Jemadar Jhunda Sing, to be Subadar, *vice* Haime Sing, invalided; Jemadar Soorju Sing, to be Subadar, *vice* Jyserie Sing, invalided; Color-Havildar Kunhye Persaud, to be Jemadar, *vice* Jhunda Sing, promoted; Color-Havildar Jygobind Sing, to be Jemadar, *vice* Soorju Sing, promoted,—1st May, 1882.

20th Native Infantry.

Subadar Mowladad, "Sirdar Bahadur," to be Subadar-Major, *vice* Nehal Singh, "Sirdar Bahadur," invalided,—1st May, 1882.

25th Native Infantry.

Havildar Maun Sing, to be Jemadar, *vice* Wazir Sing, deceased,—7th May, 1882.

40th Native Infantry.

Jemadar Nund Loll Singh, to be Subadar, *vice* Chet Singh, "Sirdar Bahadur," invalided; Havildar Girwar Singh, to be Jemadar, *vice* Nund Loll Singh, promoted,—10th April, 1882.

No. 354.—PUNJAB FRONTIER FORCE—

2nd Sikh Infantry.

Jemadar Mad Mir, to be Subadar, *vice* Mihr Baksh, invalided; Havildar Karam Ali, to be Jemadar, *vice* Mad Mir, promoted,—1st May, 1882.

1st Punjab Infantry.

Havildar Essur Sing, to be Jemadar, *vice* Gopal Sing, resigned,—30th April, 1882.

REWARDS.

No. 355.—ORDER OF BRITISH INDIA—

His Excellency the Governor General in Council is pleased to admit Subadar-Major Kashi Oobaray, of the Kolhapur Infantry, an Honorary Member of the 1st Class of the Order of British India, with the title of "Sirdar Bahadur."

No. 356.—ORDER OF MERIT—

His Excellency the Governor General in Council is pleased to admit the undermentioned Native officers and men of the 30th Regiment, Bombay Native Infantry, to the 3rd Class of the Order of Merit:—

Subadar-Major Hyder Khan.
Havildar (now Jemadar) Heera Sing.
Naik Suddu Sing.
Bugler Chuddo Beg.

For conspicuous gallantry and coolness during the retreat from Maiwand on the 27th July, 1880.

2. It is further notified that the undermentioned men who were killed in that action would, if they had lived, have been admitted to the 3rd Class of the Order of Merit:—

Havildar-Major Brindaban.
Quartermaster-Havildar Futteychund.
Private Goolam Mahomed.
Bugler Suddu Sing.

3. The widows of Private Goolam Mahomed and Bugler Suddu Sing and, as a special case, the daughter of Havildar-Major Brindaban will be allowed to draw the usual Order of Merit pension for three years from the 27th July, 1880.

G. CHESNEY, *Colonel,*
Secretary to the Government of India.

MILITARY DEPARTMENT.

NOTIFICATION.

Calcutta, the 19th June, 1882.

Under Clause 26 of the Regulations appended to the Regimental Debts Act of 1863, it is notified that reports of the deaths of the undermentioned commissioned and warrant officers, on the dates specified, were received in the Military Department from the 13th to the 19th June, 1882:—

Corps.	Rank and Names.	Date of decease.	Place of decease.	Testate or Intestate.	Remarks.
Army Pay Department ...	Honorary Captain O. W. Hill ...	15th June, 1882.	Fort William	...	...
13th Madras Native Infantry.	Lieutenant C. E. Sherrard ...	9th June, 1882	Pachmarhi	...	...
Sub-Medical Department...	1st Class Assistant Apothecary S. Jackson.	25th March, 1882.	Sohagpore	...	...

W. M. LEES, *Colonel,*
Officiating Secretary to the Government of India.

PUBLIC WORKS DEPARTMENT.

NOTIFICATIONS.

Simla, the 21st June 1882.

No. 156.—*Corrigendum.*—Notifications Nos. 129 and 145, dated the 12th and 26th May 1882, respectively, in so far as they relate to temporary promotions, are hereby cancelled.

No. 157.—The following temporary promotions are made in the Railway Branch:—

Name.	From	To	Date.
Mr. F. E. Braham ...	Assistant Engineer, 1st Grade ...	Executive Engineer, 4th Grade ...	19th December 1881.
Mr. H. H. Gahan ...	" " 1st " ...	" " 4th " ...	19th " "
Mr. E. W. Arundell ...	" " 1st " ...	" " 4th " ...	19th " "
Mr. T. R. Wynne ...	" " 1st " ...	" " 4th " ...	28th February 1882.
Mr. J. Tait ...	" " 1st " ...	" " 4th " ...	10th March "
Mr. E. I. Shadbolt ...	" " 1st " ...	" " 4th " ...	17th " "
Mr. G. Humfress ...	" " 1st " ...	" " 4th " ...	3rd April "
Mr. W. G. Allen ...	" " 1st " ...	" " 4th " ...	8th " "
Lieut. G. F. Wilson, R.E. ...	" " 1st " ...	" " 4th " ...	10th " "
Mr. F. B. Hebbert ...	" " 1st " ...	" " 4th " ...	12th " "
Mr. H. Luckstedt ...	" " 1st " ...	" " 4th " ...	12th " "
Mr. J. M. Salmond ...	" " 1st " ...	" " 4th " ...	15th " "
Mr. H. S. Harington ...	" " 1st " ...	" " 4th " ...	15th " "
Mr. T. Michell ...	" " 1st " ...	" " 4th " ...	5th May "
Mr. G. Moyle ...	" " 1st " ...	" " 4th " ...	9th " "
Mr. C. H. C. Bickerton ...	" " 1st " ...	" " 4th " ...	15th " "
Mr. G. Cowper ...	" " 1st " ...	" " 4th " ...	27th " "

No. 158.—The undermentioned 2nd Grade Assistant Engineers are transferred from the Railway Branch to British Burma, Provincial Establishment:—

Mr. F. Reilly.
Mr. S. DeBrath.
Mr. H. H. Fox.
Mr. W. E. Newham.

But their services will for the present continue at the disposal of the Railway Branch.

No. 159.—The Governor General in Council is pleased to make the following promotions among the Executive and Assistant Engineers attached to the several Local Administrations, with effect from the 28th February 1882:—

Names.	Present grade.	Grade to which promoted.	Nature of promotion.
Gatherer, A. B. ...	Executive Engineer, 2nd Grade ...	Executive Engineer, 1st Grade ...	*Sub. pro tem.*
Gramatzki, E. L. ...	" " 3rd " ...	" " 2nd " ...	"
Nelson, R. E. ...	" " 4th " ...	" " 3rd " ...	"
Reilly, F. ...	Assistant " 2nd " ...	Assistant " 1st " ...	"
DeBrath, S. ...	" " 2nd " ...	" " 1st " ...	"
Fox, H. H. ...	" " 2nd " ...	" " 1st " ...	"
Newham, W. E. ...	" " 2nd " ...	" " 1st " ...	"
Penny, E. ...	" " 1st " ...	Executive " 4th " ...	Temporary.
Gilbert, W. R. ...	" " 1st " ...	" " 4th " ...	"

The 22nd June 1882.

No. 160.—The following promotions are made in the Traffic Staff of the Rajputana-Malwa Railway :—

Mr. D. F. Powell in Class IV to officiate in Class III while acting as District Traffic Superintendent, Mhow Division.

Mr. C. A. R. Crommelin in Class IV to officiate in Class III while acting as District Traffic Superintendent, Ajmere Division.

No. 161.

ORDER—By the Government of India, Public Works Department.

Read the following letter and enclosure :—

No. 132 R.S., dated 7th June 1882.

From—The Government of India, Public Works Department,

To—The Government of Madras, Public Works Department.

I am directed to acknowledge the receipt of the following Proceedings of the Government of Madras :—

Public Works Department Proceedings, March 1882, Nos. 31-33,
" " " April " " 9-11,
" " " " " " 12-14,

containing indents for stores required for the Madras and South Indian Railways.

2. It would appear, from a perusal of the items, that several articles are still being indented for from England that can be obtained, as cheaply and of as good quality, of indigenous manufacture. I am therefore directed to request that the Consulting Engineer for Railways may be instructed to arrange with the Agents of the Railway Companies to utilise, as far as possible, the products of this country rather than drawing their whole supplies of stores from England.

3. The accompanying list of articles, extracted from the items in the abovenoted indents, show such stores as are known to be manufactured, either wholly or in part, in India ; and doubtless were the present manufactures of the Madras Presidency accurately known, other items might have been added to the list. It is quite probable that the distance of some of these centres of supply from Madras renders the prices of such stores prohibitive ; but the list will indicate to the Consulting Engineer, when future indents are preferred for sanction, where articles of Indian manufacture can be obtained.

List of articles entered in the indent for Public Works Stores, Madras Railway, which, on the information before the Government of India, can be had of local manufacture.

Heading.	No. of item in the indent.	Description of article.	Name of manufacturer, where known.
General Ward.	40 and 41	Callipers, steel	Messrs. Jessop & Co., Calcutta.
	52	Cramps, joiners'	
	137	Hammers, magnetic	
	138	" flogging	
	139	" brad	
	165	Knives, moochies' or book-binders' ...	Roorkee Workshops.
	166	" kitchen	
	167	" sailmakers'	
	168	" glaziers' pully	
	172	Levels, spirit	
	201 to 203	Rules, foot, boxwood	Messrs. Maurice, Fielmann & Co., Calcutta.
			" Foy Brothers & Co., Cawnpore.
	255	Skins, chamois	" Cooper, Allen & Co., "
	260	Tape, lamp, cotton	Cotton Mills at Bombay and Cawnpore.
	263	Twine, sailmakers'	Messrs. Ahmuty & Co., Calcutta.
			" Harton & Co. "
			" Mullick & Co. "
Shed and Permanent-way Ward.	1 and 2	Bellows, circular	Roorkee Workshops.
	7	Crowbars	" " and Messrs. Jessop & Co., Calcutta.
	12	Machine, weighing	" "
	26	Pipes, C. I. socket	Messrs. Jessop & Co., Calcutta.
	34	Vices, staple or standing	
	39	Bolts and nuts	" " " and others.
Oil and Paint Ward.	43	Soap, Windsor, brown	Messrs. Tuck, Harvey & Co., Cawnpore.
	46	Sulphur powder	N. W. P. Soap Co., Limited, Meerut.
			Garden Reach Soap Co., Calcutta.
	47	Turpentine.	Bombay Soap Co., Bombay.
	49	Varnish coach body.	
	48	" copal.	
	50	Varnish, gold size.	
	51	" japan black.	
	52	" polish, French.	

Heading.	No. of item in the indent.	Description of article.	Name of manufacturer, where known.
Stationery Ward.	1	Baize, green	Woollen Mills at Cawnpore and elsewhere.
	2 and 3	Boards, mill, brown and white.	
	26 and 27	Brushes, camel hair.	
	38 and 39	Bunting, red and green	Woollen Mills at Cawnpore and elsewhere.
	73 to 75	Holland, brown .	Cotton Mills at Cawnpore and elsewhere.
	105	Paper, blotting	Paper Mills, Bally, Girgaum, Gwalior, Lucknow.
	153 to 157	Skins, morocco, of colors	See "Skins, chamois"—General Ward.
	161 and 162	Tapes, measuring.	
Iron Ward	43 to 47	Rivets	Messrs. Jessop & Co., Calcutta, and other ironmongers in Calcutta and Bombay.

ORDER.—Ordered, that this letter be published in the *Gazette of India.*

The 23rd June 1882.

No. 162.—Major G. F. L. Marshall, R.E., Executive Engineer, 1st Grade, and Assistant Secretary to the Government of India in the Public Works Department, is promoted to the temporary rank of Superintending Engineer, Class III, and appointed Under Secretary to the Government of India in the Public Works Department, with effect from 1st June 1882.

W. S. TREVOR, *Colonel, R.E.,*
Secy. to the Govt. of India.

The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, JUNE 24, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller General, &c.

GAZETTE OF INDIA.

NOTICE.

The 11th March 1882.

From the 8th April next, till further notice, Parts I, IV, and V of the *Gazette of India*, and the Weather and Crop Report, will be published at Simla. After the 1st April, all Notifications and other matter intended for publication in those Parts, should be addressed to the Officiating Publisher at that station.

Parts II and III and the Supplement will continue to be published in Calcutta.

Parts IV and V of the *Gazette of India*, containing the Acts and Bills of the Legislative Council, may be subscribed for separately from the other Parts of the Gazette. The annual subscription for the two Parts will be Rs. 5 per annum, payable in advance. When sent by post, Rs. 2-8 per annum additional will be charged for postage. For the current year these Parts are available from 1st May only, the back numbers being out of print.

Complaints regarding non-receipt of any number of the *Gazette* should be forwarded within a week after the day on which it is due.

Applications for the supply of the *Gazette* on the *public service* should be addressed to the Home Department.

By an order of Government, all subscriptions must be paid *in advance*.

	Rs.	A.	P.
Subscription for *Gazette* and Supplement per annum	15	0	0
Postage	5	8	0
Subscription for Supplement only	6	0	0
Postage	3	0	0
For a single copy of the *Gazette*	0	8	0
For a single copy of the Supplement	0	8	0

Postage on single copies varies according to weight.

E. J. DEAN,

Publisher, Gazette of India.

NOTICE.

The Office of Superintendent of Government Printing having been removed to No. 166, Dhurrumtollah Street, all communications intended for that Office should be sent to that address.

E. J. DEAN,

Supdt. of Govt. Printing, India.

BANK OF BENGAL.

NOTICE.

Calcutta, the 19th June 1882.

Notice is hereby given that the Transfer Books of the Bank will be closed from Saturday, the 1st, to Saturday, the 15th proximo, both days inclusive.

By Order of the Directors,

W. D. CRUICKSHANK,

Offg. Secretary & Treasurer.

SURVEY OF INDIA.

NOTIFICATION.

Mussooree, the 20th June 1882.

No. 282.—Mr. P. A. G. Cowley, Surveyor, 2nd Grade, is granted furlough for two years in and out of India, under Chapter X, Section 131, of the Civil Leave Code, from such date as his services can be spared.

J. T. WALKER, *Lieut.-Genl., R.E.,*

Surveyor General of India.

REVENUE BRANCH, SURVEY OF INDIA.

NOTIFICATION.

Calcutta, the 19th June 1882.

No. 6.—Mr. R. Todd, Officiating Surveyor, 4th Grade, is granted privilege leave for three months, with effect from the 1st proximo, under the provisions of Chapter X, Section 136, of the Civil Leave Code.

J. SCONCE, *Lieut.-Col.,*
Deputy Surveyor General.

SURGEON-GENERAL WITH THE GOVERNMENT OF INDIA.

NOTIFICATION.

Simla, the 3rd June 1882.

No. 28.—The services of 3rd Grade Assistant Surgeon Chunder Bhusun Bose, of the supernumerary list, are placed at the disposal of the Chief Commissioner, Central Provinces.

J. M. CUNINGHAM, M.D.,
Surgeon-General with the Government of India.

AGENT, GOVERNOR GENERAL, FOR RAJPUTANA.

NOTIFICATION.

Mount Abu, the 13th June 1882.

No. 1631 G.—Lieutenant H. Ramsay and Captain A. P. Thornton, respectively, made over and received charge of the offices of Assistant General Superintendent, Thuggy and Dacoity, Lower Rajputana, and Magistrate, Mount Abu, on the afternoon of the 5th June 1882.

By Order,
E. A. FRASER,
1st Asst. Agent to the Govr. Genl.

CHIEF COMMISSIONER OF AJMIR-MERWARA.

NOTIFICATIONS.

Mount Abu, the 13th June 1882.

No. 399.—Colonel C. H. Clay and Major J. H. L. Greenfield, respectively, delivered over and received charge of the office of Cantonment Magistrate, Deoli, on the forenoon of the 1st May 1882.

No. 402.—Surgeon-Major J. H. Newman and Surgeon J. Crofts, respectively, delivered over and received charge of the office of Civil Surgeon and Superintendent of Jail, Ajmir, on the afternoon of the 3rd June 1882.

The 16th June 1882.

No. 408.—Doctor J. Croft, Officiating Civil Surgeon and Superintendent of Jail, Ajmere, is invested with the powers of a Magistrate of the 1st Class, as described in Section 20 of the Criminal Procedure Code, to be exercised within the precincts of the Ajmere Jail, with effect from the afternoon of the 3rd June 1882, *vice* Dr. J. H. Newman, on privilege leave.

By Order,
E. A. FRASER,
1st Asst. Agent to the Chief Commr.

CHIEF COMMISSIONER OF COORG.

NOTIFICATIONS.

Bangalore, the 15th June 1882.

No. 11.—N. Monappa, Subedar of the Padinalknad Taluk, is granted one month's privilege leave from such date as he may avail himself of it.

2. M. Nanjappa, Parputtigar of Padinalknad, is appointed to act as Subedar of the Padinalknad Taluk, and Magistrate of the 3rd Class, during the absence of Monappa, or until further orders.

The 16th June 1882.

No. 12.—Under Section 7 of Act XV of 1872, the Indian Christian Marriage Act, the Chief Commissioner of Coorg is pleased to appoint the District Magistrate of Coorg for the time being to be Marriage Registrar for the District of Coorg.

By Order,
H. WYLIE, *Major,*
Secretary to the Chief Commr. of Coorg.

JUDICIAL COMMISSIONER OF AJMIR-MERWARA.

NOTIFICATION.

Mount Abu, the 17th June 1882.

No. 416.—It is ordered that the following Rules relating to appeals to Her Majesty in Her Privy Council, under Section 612 of the Code of Civil Procedure, be read and passed as Rules of the High Court of Judicature for the Ajmir-Merwara District:—

The amount and nature of the security required under sections 602, 605, 608 and 609.

1. The security for the costs of the respondent, required by section 602, shall in ordinary cases amount to Rs. 4,000. Such security shall consist either of cash or Government securities, or of immoveable property, or of any or all together if necessary to secure the amount.

In the event of the Court deeming it proper to call on the appellant to furnish further security, such additional security shall consist of cash or Government securities, or of immoveable property, or of any or all together if necessary to secure the amount: but in no case shall security be required, nor under section 605 shall it be increased, to an amount exceeding Rs. 10,000.

2. The amount of the security to be furnished by the appellant or respondent under section 608 or section 609 shall be such as the Court shall deem sufficient, and shall consist either of cash or Government securities or of immoveable property.

3. When the security offered under section 602, section 605, section 608, or section 609 consists of immoveable property, the appellant or respondent, as the case may be, shall file a bond duly registered mortgaging such property, together with a specification of the title of the mortgagor.

The testing of the security.

4. When such bond has been filed, the Court shall direct the security to be tested by the Judge of the Court of the district within which the immoveable property therein mortgaged is situated.

The estimate of the cost of transcribing the record.

5. When a certificate is granted, the applicant shall forthwith apply to the District Judge to prepare lists A (of papers to be transmitted to the Registrar of the Privy Council) and B (of formal and other papers not to be so transmitted), and to make an estimate of the cost of preparing the record for transmission, and shall state whether the transcript is to be printed in India or not.

6. On the receipt of the application, together with a fee of sixteen rupees, the District Judge shall prepare the lists before mentioned, and make an estimate of the expense of translating, transcribing or printing, and of forwarding to the Registrar of the Privy Council the record of the case, including a margin of two hundred rupees; and shall furnish the lists and estimate to the counsel, pleader, or attorney of the applicant.

7. At any time within two weeks from the receipt of the lists and estimate, the applicant may object thereto; and if the District Judge refuse to allow the objection, the matter shall be at once submitted for the order of the High Court.

8. Ordinarily the whole record shall be transcribed, with the exception of such documents, papers, and accounts as are specified in section 602, sub-sections (1), (2), (3) and (4).

The revision and authentication of translations.

9. All documents not drawn up or written originally in the English language, and which have not been translated for the use of the Court, shall be translated into English, and all translations so made shall be certified by one of the Court translators.

The preparation of indices to transcripts of records, and of lists of the papers not included therein.

10. An index of all the documents included in the transcript shall be prepared and annexed to the record in the form subjoined, and shall be followed by a list (B) of all other papers, documents, and exhibits in the cause not included in the transcript:—

1	2	3
Serial number.	Description of document.	REMARKS.

11. In the index and transcript the papers shall be placed in the following order:—

Plaint.
Written statement.
Examination of parties or their agents, &c.
Injunctions.
Orders of attachment, &c. (if any), obtained before judgment.
Issues framed (if any).
Exhibits of plaintiff.
Exhibits of defendant.
Report of Commissioner (if any), with maps, depositions, &c., annexed.
Judgment and decree.
Memorandum of appeal.
Cross appeal or memorandum of objections under section 561 (if any).
Proceedings in appellate Court (if any).
Judgment and decree of that Court.
Petition of appeal to Privy Council, affidavits, &c.
Appendix (if any).
List (B) of papers omitted under Rule 8 of these Rules.

12. The following charges shall be payable in respect of the matters specified:—

	Rs.	A.	P.
Translation of vernacular portion of record, per 100 words	1	0	0
Copying English portion of record for office file, for every 1,440 words or part thereof	1	0	0
Examining English portion of record for office file, for every 1,440 words	0	8	0
Transcribing (one copy) for Privy Council, for every 800 words ...	1	0	0
Printing (55 copies) per printed page	2 to 3	0	0
Examination of transcript record, for every 800 words or part thereof ...	0	8	0
Examination of proof, for every 1,000 words	1	0	0
Certifying two copies of printed record, for every 10 printed or manuscript pages or part of 10 pages	1	0	0
Preparation of index, for every 16 papers or part of 16 papers ...	1	0	0

13. The estimate shall include these several matters, and be framed in accordance with the charges above specified.

14. Immediately after the Court shall have declared the appeal admitted, copies of the lists A and B shall be furnished to the counsel, pleader, or attorney of the respondent, who may, within two weeks of the receipt of the same, apply to the District Judge to include in list A any documents, papers, or accounts which he may consider necessary. Such application shall either be allowed by the District Judge or be referred by him for the order of the High Court.

The recovery of costs incurred in British India.

15. Application for the recovery of costs incurred in British India in connection with appeals to Her Majesty in Council shall ordinarily be made to the Court from whose order or decree an appeal is presented; and no such application shall be entertained except on proof that fourteen days' notice of the intention to make the application, together with a memorandum of the costs claimed, has been given to the other party.

By Order,

E. A. FRASER,

1st Asst. to the Judl. Commr.

AGENT, GOVERNOR GENERAL, AND CHIEF COMMISSIONER, RAJPUTANA. P. W. D.

NOTIFICATION.

Mount Abu, the 17th June 1882.

No. 1423 *S.*—Whereas land is required in Ajmere for the public purpose, *viz.*, for diversion of a road and as a site for certain staff quarters of the Rajputana-Malwa Railway, this declaration is made in accordance with the provisions of Section 6 of Act X of 1870.

District.	Pargana.	Village.	AREA REQUIRED. Permanent.	Temporary.	TOTAL.	Purpose for which required.	REMARKS.
			A. R. P.	A. R. P.	A. R. P.		
Ajmere .	Ajmere .	Ajmere .	10 0 17½	...	10 0 17½	For diversion of a road and as site for certain staff quarters.	The plan of the land can be inspected at the Office of the Assistant Commissioner, Ajmere.

By Order,

J. P. STEEL, *Lieut.-Col., R.E.,*
Secy. to the Agent, Govr. Genl., & Chief Commr., P. W. D., Rajputana.

Statement of the Affairs of the Bank of Bengal for the week ending 20th June 1882.

LIABILITIES.		Rs. A. P.
Capital paid-up		2,00,00,000 0 0
Reserve Fund		30,11,886 4 4
Public Deposits at Head Office	Rs. A. P. 1,14,05,677 5 4	2,55,89,100 10 0
Public Deposits at Branches	1,41,83,423 4 8	
Other Deposits at Head Office and Branches		2,60,20,380 11 6
Bank Post Bills, &c.		3,09,596 3 5
Sundries		16,70,942 14 3
RUPEES		7,66,01,906 11 6

ASSETS.		Rs A. P.
Government Securities		82,98,139 14 0
Other authorized Investments		46,05,345 0 0
Loans on Government and other authorized Securities		64,87,225 0 7
Accounts of Credit on Government and other authorized Securities		42,30,640 8 1
Bills discounted and purchased		2,45,34,190 11 2
Balances with other Banks		3,86,199 1 9
Bullion		6,45,007 4 4
Dead Stock		12,01,771 3 9
Stamps		8,458 5 0
Sundries		3,41,544 9 5
		5,07,38,521 10 1
Cash and Currency Notes at Head Office	Rs. A. P. 1,07,29,601 8 3	2,58,63,385 1 5
Cash and Currency Notes at Branches	1,51,33,783 9 2	
RUPEES		7,66,01,906 11 6

By order of the Directors.

BANK OF BENGAL,
Calcutta, 22nd June 1882.

J. GORDON,
Chief Acctt. & Depy. Secretary

W. D. CRUICKSHANK,
Offg. Secy. & Treasurer.

RESIDENT IN MYSORE.

NOTIFICATION.

Bangalore, the 13th June 1882.

No. 4.—Major H. M. S. Magrath, Madras Staff Corps, delivered over, and Major E. P. Maltby, Madras Infantry, resumed charge of the offices of District Magistrate and President of the Municipal Commission of the Civil and Military Station of Bangalore, on the forenoon on the 9th June 1882.

By Order,

H. WYLIE, *Major,*
Asst. Resident.

MILITARY DEPARTMENT—

Military Works.

NOTIFICATIONS.

Simla, the 15th June 1882.

No. 29.—Lieutenant H. Finnis, R.E., Assistant Engineer, 1st Grade, passed the Departmental Standard Examination in Hindustani on 30th May 1882.

J. J. McLEOD INNES, *Colonel, R.E.,*
Inspr. Genl. of Military Works.

Sirhind & Lahore Command.

Lahore, the 14th June 1882.

No. 123.—Major G. D'A. Jackson, Executive Engineer, transferred from the Dalhousie to the Umballa Division, Military Works, reported his arrival at Umballa on the forenoon of the 8th June 1882, and assumed charge of that Division on the 9th idem from Lieutenant Huskisson, R.E., Assistant Engineer.

T. C. MANDERSON, *Major, R.E.,*
Supdg. Engr., Sirhind & Lahore Command, Military Works.

DIRECTOR GENERAL OF RAILWAYS.

NOTIFICATION.—ESTABLISHMENT.

Simla, the 14th June 1882.

No. 42.—Mr. H. J. Oddie, Assistant Engineer, 1st Grade, is transferred from the Punjab Northern State Railway, Construction Section, to the Open Line of the same Railway.

F. S. STANTON, *Col., R.E.,*
Director General of Railways.

ORDERS BY THE VICE-CHANCELLOR AND SYNDICATE OF THE CALCUTTA UNIVERSITY.

The undermentioned Students have passed the L. C. E. Examination :—

SECOND DIVISION.

In Order of Merit.

Bandyopadhyay, Bhushanchandra ... Govt. Engrg. College, Howrah.
Ray, Sitaprasanna ... ... Ditto.

G. BELLETT,
Registrar.

SENATE HOUSE,
The 15th June 1882.

ORDERS BY THE VICE-CHANCELLOR AND SYNDICATE OF THE CALCUTTA UNIVERSITY.

The following changes in the Regulations in Engineering having been sanctioned by the Senate and approved by His Excellency the Governor General of India in Council, are published for general information :—

For the Regulations for the First Examination in Engineering, for the Licence in Engineering, and for the Degree of Bachelor in Engineering, the following Regulations have been substituted, with effect, as regards the First Examination in Engineering, on the 1st of August 1883, and as regards the Licence and the Degree of Bachelor in Engineering, on the 1st of January 1885 :—

FIRST EXAMINATION IN ENGINEERING.

1. The First Examination in Engineering shall be held every year in Calcutta, and shall commence at such time as the Syndicate may determine, the date to be approximately notified in the Calendar for the year.

2. Any undergraduate of the University may be admitted to this Examination, provided he has prosecuted a regular course of study in a School of Engineering affiliated to the University, for two years and six months after passing the Entrance Examination.

3. Every candidate for admission to the Examination shall send his application, with a certificate in the form entered in Appendix A, to the Registrar, at least fourteen days before the date fixed for the commencement of the Examination.

4. A fee of twenty rupees shall be payable by each candidate. No candidate shall be admitted unless he has paid this fee to the Registrar. A candidate who fails to appear or to present himself for Examination shall not be entitled to claim a refund of the fee. A candidate may be admitted to one or more subsequent Examinations on payment of a like fee of twenty rupees on each occasion.

5. Every candidate shall be examined in the following subjects:—

I. Mathematics.
II. Natural Science.
III. Engineering Construction.
IV. Geodesy.
V. Drawing.

I. MATHEMATICS.

Arithmetic. The whole.

Algebra.

To the Binomial Theorem (omitting scales of notation) Exponential Theorem and Logarithms.

Geometry.

Euclid—Books 1, 2, 3, 4, and 6, with deductions, Conic Sections treated geometrically.

Trigonometry.

As far as the solution of all cases of plane triangles. DeMoivre's Theorem, Exponential values of Sine and Cosine.

Mensuration.

Mensuration of surfaces and solids.

Analytical Geometry.

Equations of the straight line, circle, ellipse, hyperbola, and parabola, without reference to the general equation of the 2nd degree.

Statics.

Parallelogram and triangle of forces, Resultant of parallel forces, Couples, Moments Equilibrium of any forces acting on a particle or rigid body. Centre of parallel forces, Centre of gravity. Friction, simple cases of tension of Strings, Levers, Pulleys, Wheel and axle, Inclined plane, Screw.

Dynamics.

Definition and measurement of mass, force, velocity, acceleration, momentum, work and energy.* Laws of motion, Uniform motion. Uniformly accelerated motion in a straight line, parabola and circle. Relative motion. Simple cases of impact.

II. NATURAL SCIENCE.

Chemistry.

Inorganic Chemistry. The metals and non-metals.

Physics.

Light, Heat, Electricity, Magnetism and the Elements of Telegraphy.

III. ENGINEERING CONSTRUCTION.

Materials. Structure, Classification, and characteristic qualities of Building Stones, Artificial Stones, Quarrying and Blasting, Preparation of Bricks and Tiles, Cementing materials, Plasters, Paints and Varnishes, Properties and preservation of timber, Iron and Steel, Lead, Copper, Zinc and the common Alloys.

* Special importance will be attached to a thorough comprehension of the principles of Work and Energy, and of their application to the solution of Mechanical questions.

IV. GEODESY.

Use of the scales, Prismatic Compass, Pocket Sextant, Level, Theodolite and Plane table. Topographical Surveying of limited areas. Practice of Levelling. Route surveying and laying out curves. Elements of Practical Astronomy. (Attested surveys, executed by the candidate, will be submitted to the Examiner, to which marks will be assigned.)

V. DRAWING.

1. Free-hand Drawing.
2. Projection (a) Orthographic, (b) Isometric, (c) Perspective.

6. The Examination shall be conducted by means of printed papers, and a paper of questions shall be set in each of the following subjects:—

Arithmetic and Algebra.
Plane Geometry and Geometrical Conic Sections.
Trigonometry and Mensuration.
Statics and Dynamics.
Analytical Geometry.
Chemistry.
Light and Heat.
Electricity, Magnetism, and the elements of Telegraphy.
Materials of Construction.
Geodesy.
Drawing.

7. As soon as possible after the Examination, the Syndicate shall publish a list of the successful candidates arranged in two divisions, each in order of merit. Every candidate shall, on passing, receive a certificate in the form entered in Appendix A.

LICENCE IN ENGINEERING.

1. An Examination for a Licence* in Engineering shall be held annually in Calcutta, and shall commence at such time as the Syndicate shall determine, the date to be approximately notified in the Calendar for the year.

2. Any undergraduate of the University may be admittted to this Examination on producing a certificate from the head of an institution affiliated to the University in Engineering, shewing that he has prosecuted a regular course of study for not less than one Academical year after passing the First Examination in Engineering.

3. Every candidate for admission to the Examination shall send his application, with a certificate in the form entered in Appendix A, to the Registrar at least fourteen days before the date fixed for the commencement of the Examination.

4. A fee of twenty-five rupees shall be payable by each candidate. No candidate shall be admitted unless he has paid this fee to the Registrar. A candidate who fails to pass or to present himself for Examination shall not be entitled to claim a refund of the fee. A candidate may be admitted to one or more subsequent Examinations on payment of a like fee of twenty-five rupees on each occasion.

5. Every candidate shall be examined in one of the following Branches marked A and B:—

(*A.—Civil Engineering.*)

I. Mathematics.
II. Natural Science.
III. Engineering Construction.
IV. Drawing.

* The holder of this Licence shall be styled a Licentiate in Engineering.

I. MATHEMATICS.

Differential Calculus.

Differential coefficients of simple and complex functions, successive differentiation, Differential functions of two variables, functions of functions; Implicit functions. Taylor's and Maclaurin's Theorems. Maxima and Minima, values of functions of one variable.

Integral Calculus.

Integration of simple functions, Rational fractions. Formulæ of reduction. Lengths of curves. Areas of curves and surfaces. Volumes of solids. Differentiation of an integral.

Hydrostatics.

Equilibrium of fluids, Specific gravity, Equilibrium of floating bodies, Centre of pressure, Elastic fluids, Principles of Barometer, and application to determine heights of Mountains; of the air-pump. Condenser-pump, Siphon, Hydrostatic Press and the Hygrometers.

II. NATURAL SCIENCE.

Geology. (Excluding Palæontology and the Stratigraphical classification based thereon) with special reference to the practice of mining.

Mineralogy. The form of minerals. The physical, optical, and chemical character of minerals. The distribution of minerals. Paragenesis.

Metallurgy. The metallurgy of Iron, Steel, Tin, Copper Zinc, Lead, Mercury, Silver and Gold.

III. ENGINEERING CONSTRUCTION.

Practice of Building. Brick and stone masonry, Earthwork, Carpentry, Foundations, Walls, Floors and Roofs of Buildings, Construction of Masonry, Wooden and Iron bridges, Construction and maintenance of Roads, Construction of Railroads and Railway appliances.

Hydraulic Engineering. Canal and River Engineering, River training and improvements, Flow of liquids through orifices, Flow of liquids in pipes. The movements of water in Canals and Rivers, Flow of water over weirs and waste weirs, Afflux of fluids caused by obstructions, Water-wheels and Turbines, Storage of water, Supply of water to towns.

Applied Mechanics. Direct stresses, Bars and pillars of various forms in tension and compression, Transverse strain, Deflection of beams, Resistance to torsion. The equilibrium, stability and strength of Framed Structures, Stability of suspension bridges, Theory of Earth pressure, and Resistance of Block work Structures. Elements of Graphic Statics.

Mechanism. Elementary forms of Machines, Levers, Cranks, Rolling Contacts, Sliding Contacts, Mechanism for modifying motion, Accumulation and Regulation of Motion.

Steam Engine. Measurement of Heat, Joule's Equivalent, Indicators and Indicator diagrams, Boilers, Heating surface, injectors and all other parts of high and low pressure Engines.

IV. DRAWING.

Engineering and Architectural Drawing.

B.—(Mechanical Engineering.)

I. Mathematics.
II. Engineering Construction.
III. Machinery.
IV. Drawing.

I. MATHEMATICS.

As laid down for the Examination for Branch A.

II. ENGINEERING CONSTRUCTION.

Practice of Building. As laid down for the Examination for Branch A.

Applied Mechanics. As laid down for the Examination for Branch A.

Steam-Engine. The Steam-Engine as viewed under a knowledge of the doctrine of Latent Heat, with history of improvements and alterations in original theories, Combustion of fuel, Heat Engines. The conversion of Motion, Indicators and details of Construction, Boilers, Compound Cylinder Engines, Miscellaneous details.

Hydraulic Engineering. Hydraulic Machinery, Flow of water in pipes.

III. MACHINERY.

Mechanism and Machine design. Elementary forms of Machines, Levers, Cranks, Rolling Contacts, Sliding Contacts, Mechanism for modifying motion, Accumulation and regulation of Motion. Mode of designing Riveted Joints, Fastenings, Journals, Pivots, Axles, Shaftings, Bearings, Strength and form of toothed gearing, Belt and rope gearing, Link-work, Pistons, Stuffing boxes, Valves and Cocks.

Workshop Appliances. Measures of length and methods of measuring. Hand tools for wood and metals, Forming straight edges and surface plates. Foot and power Lathe, Machinery for Drilling, Boring, Planing, Shaping, Slotting, Punching, Shearing and Sawing. Distribution of motive power to Machine tools.

Designs. Designs of Factories and Workshops with arrangement of Machinery.

IV. DRAWING.

Machine Drawing.

6. Candidates shall also be allowed to present themselves for Examination in one or more of the following optional subjects, proficiency in which will affect their place in the division list, but will not be counted towards a pass :—

Optional Subjects.

I. MATHEMATICS.
Pure Mathematics } *as in the First Examination in Engineering.*
Mixed Mathematics }

II. NATURAL SCIENCE.
Chemistry } *as in the First Examination in Engineering.*
Physics }

III. ENGINEERING CONSTRUCTION.
Materials of Construction, *as in the First Examination in Engineering.*

IV. GEODESY, *as in the First Examination in Engineering.*

7. The Examination shall be conducted by means of printed papers, and a paper of questions shall be set in each of the following subjects :—

Branch A.

Differential and Integral Calculus.
Hydrostatics.
Geology.
Mineralogy and Metallurgy.
Details of Construction.
Roads and Railways.
Hydraulic Engineering.
Applied Mechanics.
Mechanism and Steam-Engine.
Engineering and Architectural Drawing.

Branch B.

Differential and Integral Calculus.
Hydrostatics.
Details of Construction.
Roads and Railways.
Applied Mechanics.
Hydraulic Engineering.
Mechanism and Machine design.
Designs, and Workshop appliances.
The Steam-Engine.
Machine Drawing.

Optional.

Pure Mathematics.
Mixed Mathematics.
Chemistry.
Physics.
Materials of Construction.
Geodesy.

8. As soon as possible after the Examination, the Syndicate shall publish a list of the successful candidates arranged in two divisions, each in order of merit. Every candidate shall, on passing, receive a certificate in the form entered in Appendix A.

BACHELOR IN ENGINEERING.

1. An Examination for the Degree of Bachelor in Engineering shall be held annually in Calcutta, and shall commence at such time as the Syndicate shall determine, the date to be approximately notified in the Calendar for the year.

2. Any candidate who has passed the First Examination in Arts* may be admitted to this Examination, provided he produces a certificate from the head of an institution affiliated in Engineering, shewing that he has prosecuted a regular course of study for not less than one Academical year, after passing the First Examination in Engineering.

3. Every candidate for admission to the Examination shall send his application, with a certificate in the form entered in Appendix A, to the Registrar, at least fourteen days before the date fixed for the commencement of the Examination.

4. A fee of thirty rupees shall be payable by each candidate. No candidate shall be admitted, unless he has paid this fee to the Registrar. A candidate who fails to pass or present himself for Examination shall not be entitled to claim a refund of the fee. A candidate may be admitted to one or more subsequent Examinations on payment of a like fee of thirty rupees on each occasion.

5. Every candidate shall be examined in the subjects and in the manner ordered in paragraphs 5, 6 and 7 of the Regulations for a Licence in Engineering.

6. As soon as possible after the Examination, the Syndicate shall publish a list of the successful candidates arranged in two divisions, each in order of merit. Every candidate shall, on passing, receive a certificate in the form entered in Appendix A.

7. The first candidate of the first division shall receive a gold medal to the value of one hundred rupees.

8. Any Licentiate in Engineering, who has passed the First Examination in Arts, may, on paying the usual fee, be admitted to the Degree of Bachelor in Engineering without further Examination.

* Any undergraduate who has passed the First Examination in Engineering may proceed to the First Examination in Arts and the Bachelor of Art Examination, without completing the two years of study at an affiliated institution required under para. 2 of the First Arts and B. A. Regulations.

G. BELLETT,
Registrar.

SENATE HOUSE,
The 15th June 1882.

TREASURE TROVE.

In accordance with the provisions of Section 5 of Act VI of 1878, notice is hereby given to all whom it may concern that on the 29th day of May 1882, a small silver box with Cambay stones inlaid, of the estimated value of from Rs. 50 to Rs. 75, was found at the bottom of a well in the compound of the house occupied by Mr. Henry Cleveland at Breach Candy in the city of Bombay; and all persons claiming the said treasure or any part thereof are hereby required to appear personally or by agent before the Collector of Bombay at his office in the New Secretariat Building, on Wednesday the 15th November 1882, at 2 P.M., when the Collector will proceed to hold an enquiry in accordance with the provisions of the Act.

H. E. SACOMB,
Collector.

BOMBAY,
The 19th June 1882.

STATEMENT of Government Promissory Notes enfaced for payment of Interest in London, under deduction of amount re-transferred to India, and outstanding in the Books of the Bank of Bengal on the 15th June 1882.

PARTICULARS.	3½ per cent Transfer Loan of 1853-54.	4 per cent. Loans									4½ per cent. Loans				Transfer Loan of 1879, seven shillings per cent Portion	5 per cent Debenture Loan of 1867-68	5 per cent. Loan of 1856-57.	GRAND TOTAL.
		Of 1824-25.	Of 1832-33	Of 1835-36.	Of 1842-43.	Of 1854-55.	Transfer of 1865	Reduced 4 per cent Loan of 1879.	Reduced 4 per cent Loan of 1881.	TOTAL.	Of 1870.	Of 1878.	Transfer Loan of 1879, 4½ per cent Portion.	TOTAL.				
Balance of 31st May 1882	54,100	13,333	13,28,533	31,57,500	2,32,09,300	1,04,95,900	2,83,36,237	2,91,64,200	6,000	9,57,11,003	47,80,900	1,03,04,100	9,88,93,700	11,39,78,700	1,11,500	31,45,000	60,200	21,30,60,503
Add—																		
Amount enfaced at Madras between 1st and 15th June 1882	...	...	...	..	...	..	...	...	...	...	...	3,000	70,000	73,000	...	...	...	73,000
Amount enfaced at Bombay between 1st and 15th June 1882	...	...	...	...	12,300	...	4,000	7,000	...	23,300	...	50,000	55,500	1,05,500	...	...	...	1,28,800
Amount enfaced at Calcutta between 1st and 15th June 1882	...	...	5,333	2,400	1,44,700	.	13,57,900	53,800	...	15,64,133	..	4,82,000	9,37,100	14,19,100	...	...	...	29,83,233
	54,100	13,333	13,33,866	31,59,900	2,33,66,300	1,04,95,900	2,96,98,137	2,92,25,000	6,000	9,72,98,436	47,80,900	1,08,39,100	9,99,56,300	11,55,76,300	1,11,500	31,45,000	60,200	21,63,45,536
Deduct—																		
Amount written off in the London Registers	...	13,333	18,346	20,000	3,58,900	10,000	6,72,500	5,49,800	...	16,42,879	1,000	90,000	2,71,000	3,62,000	...	24,53,000	...	44,57,879
Balance on 15th June 1882	54,100	...	13,15,520	31,39,900	2,30,07,400	1,04,85,900	2,90,25,637	2,86,75,200	6,000	9,56,55,557	47,79,900	1,07,49,100	9,96,85,300	11,52,14,300	1,11,500	6,92,000	60,200	21,17,87,657

NOTE.—From 9th June 1867 to 15th April 1882, enfaced from India 4,556 lakhs; re-transferred from London, 3,770 lakhs.

„	16th April 1882	to 30th	„	„	„	10	„	„	14 „
„	1st May	„ to 15th May	„	„	„	11	„	„	15 „
„	16th „	„ to 31st	„	„	„	11	„	„	10 „
„	1st June	„ to 15th June	„	„	„	31	„	„	44 „
						4,619 lakhs.			3,853 lakhs.
						3,853 „			
					Balance against India	766 lakhs.			

PUBLIC DEBT OFFICE,
BANK OF BENGAL;
Calcutta, the 17th June 1882.

W. D. CRUICKSHANK,
Offg. Secretary and Treasurer

DEPARTMENT PUBLIC WORKS HALF-YEARLY EXAMINATION.

The half-yearly examination of candidates for promotion and employment in the Public Works Department will be held at the Government Engineering College, Howrah, at 10 o'clock, on Monday, the 7th August 1882, and the following days. Applications, with fees for admission to the examination, are required to be filed before the 15th of July 1882. Candidates for the grade of Accountant who are not in Government service should be under twenty-five years of age, and must prove to the satisfaction of the Principal that they are under that age.

The following are the centres of examination sanctioned by the Government of India as stations where candidates for fourth grade Accountantships are to appear for examination :—

Agra, Ahmedabad, Ajmere, Akyab, Allahabad, Bolaram, Durbhanga, Howrah, Indore, Jabalpore, Lahore, Lucknow, Meerut, Mhow, Mooltan, Mount Aboo, Nagpore, Neemuch, Rangoon, Rawalpindi, Saidpore, Shillong and Simla.

Candidates for the Accountant's examination are therefore requested to select one of the places mentioned above.

J. S. SLATER,
Offg. Principal, Govt. Engrg. College, Howrah.

SHIBPORE,
The 16th June 1882.

Weekly Statement of Silver tendered, of Certificates issued, and Silver Balance in the Mint.

DATE.	SILVER TENDERED, ESTIMATED VALUE.	CERTIFICATES ISSUED ON		BALANCE OF BULLION		
		General Treasury.	Currency Department.	Under Assay.	Assayed.	Held on account of the Currency Department.
1882.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
June 12	...	29,595	...	5	86,00,477	35,95,070
" 13	...	28,994	5	...	85,93,528	35,67,895
" 14	...	28,010	...	...	84,95,940	35,41,642
" 15	...	28,595	...	...	83,98,447	35,14,841
" 16	...	26,525	...	...	81,94,177	34,89,728
" 17	...	13,272	...	...	79,95,164	34,77,150

CALCUTTA MINT,
The 19th June 1882.

J. F. TENNANT, *Col., R.E.,*
Mint Master.

CURRENCY NOTES.

The following Currency Notes of the Government of India are stated to have been lost, and payment of their value has been claimed by the persons whose names are placed against the numbers. Any other person having these Notes in his possession, or claiming a right to them, is warned to communicate at once with the undersigned :—

Allahabad Circle.

NOTE WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Note.	Value.	Name of Claimant.
		Rs.	
105	... D 18—93003 ...	100	Baboo Biharilal Mookerjee, Jhansie.

ALLAHABAD,
The 21st June 1882.

GODREZJEE D. PUDUMJEE, *A. A. G.,*
In charge of Paper Currency Office.

Calcutta Circle.

NOTES WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Notes.	Value.	Name of Claimant.
		Rs.	
60	... P 11—08517 ...	500	The Presidency Post Master, Bombay.
61	... O 88—85912 ...	100	Jadub Chunder Gossamy.
	" 96—79616 ...	100	
62	... O 65—23464 ...	50	Colonel Sweney.
64	... O 97—94839 ...	100	Shaik Moyboo Bux.

CALCUTTA,
The 23rd June 1882.

J. TAYLOR,
Asst. Comptlr. Genl., Paper Currency.

Madras Circle.

NOTES WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Notes.	Value.	Name of Claimant.
		Rs.	
8	... I 14—27731 ...	100	F. Parthasarady Iyengar, Dewan's Office, Bangalore.
9	... B 68—64805 ...	100	The Presidency Post Master, Bombay.
	B 71—15975 ...	100	
11	... B 65—38419 ...	50	The Secretary and Treasurer, Bank of Madras.

FORT SAINT GEORGE,
The 12th June 1882.

H. S. GROVES,
Assistant Accountant General, in charge of Paper Currency Dept., for Commissioner.

POST OFFICE.

NOTIFICATIONS.

Simla, the 30th May 1882.

Exchange of Money Orders with the United States of America.

On and after the 1st July 1882, money orders will be exchanged in both directions with the United States of America.

2. The following rates of commission, which now apply to money orders drawn upon the United Kingdom and Canada, will apply from the date mentioned above, to money orders drawn upon the United States of America :—

	Rs.	A.	P.
On sums not exceeding £2	0	8	0
On sums exceeding £2 and not exceeding £ 5 ...	1	0	0
" £5 " £ 7 ...	1	8	0
" £7 " £10 ...	2	0	0

3. The maximum limit for single orders drawn upon the United States of America is £10. No person may obtain in one day more than four money orders payable to the same person.

4. In these and in other respects money orders drawn upon the United States of America will be treated exactly like money orders drawn upon the United Kingdom or Canada. (*Vide* Clauses 243 to 258 of the Postal Guide, dated January 1882.)

L. G. WAIT,
Asst. Dir. Genl. of the Post Office of India, Foreign Post Branch.

List of Unclaimed Letters lying in the Calcutta Post Office on the 18th June 1882.

Arbuthnot, E. S.	Graham, W. P.	Sheo Narain Moonshee.
Aukein, J. E.	Harston, J.	Simpson, Mrs. C.
Bennet, Miss.	Jacob, A.	Smith, Miss M.
Benson, T.	Maddock, H. R.	Syndale, S. C.
Bernard, Miss.	Martin, N.	Thomas, M.
Carmichael, James.	McLarty, A.	Thomas, Miss.
Domphy, G. C.	Mitchell, Captain J.	Thorpe, W. B.
Dover, R. J.	Peckham, J.	Tubb, H. H.
Edmunds, W.	Phillips, J.	Werbester, Mrs. C.
Fox, C.	Roberts, Mrs. Mary F.	Whitehead, Miss C.
Fraser, W. C.	Ross, Mrs.	Wood, T.
Gasper, A. H.	Sane, H. C.	

Letters marked "Care of Post Office, to be kept till called for."

Alston, L.	Garanger, George.	Orinstein, Signiori
Antonio, D.	Gardener, Captain J. T.	Scapria.
A. Z.	Gibson, Mrs. Ellen.	Palmer, Mrs.
Bad, Mrs.	Hankivez, C.	Pereira, E. S. B.
Bailey, J. R.	Hanson, H. W. F.	Rox, Miss.
Bercavetz, Abraham.	Hartley, S. E.	Rhodes, D.
Bockman, C.	Harvey, Sir Charles.	Rock, Mr.
Bose, K. B.	Hearne, T.	Roe, Lt. R. J.
Bose, P. N.	Jacky, Monsieur R.	Slater, A. H.
Braham, Mrs. A.	Jox, Henry.	Span, J. M.
C. B. A.	Kanai Lall Seal.	Stobie, Lt. J. C.
C. B. & Co.	Kegel, F. G. M.	Strachan, E.
Concannon, J.	Kennedy, R. H.	Strongs, W. S.
Cooper, Frank	Konnet, C. A.	Stuart, William.
Cresswell, G. W.	Lambert, Dr. E.	Thornhill, H. B.
Crow, Mrs. Eliza	Massy, J.	Thomas, W. H
Doxtor, J. B.	McIntyre, J.	Traiche, Miss E.
Dodds, F. L.	McReynolds, John.	Urage, Mrs. J.
Driscoll, D. O.	Morrison, D. J.	Warnier, M.
Dun, E. W.	Munro, W.	Webb, Mrs.
G. L.		Wright, Mrs. H.

Registered Letters.

"E. D."	McCoy, J. W.	"Queenie."
Howard, E.	Ochme, D.	Swatman, C. A.

SEA AND FOREIGN MAILS.

Calcutta, the 23rd June 1882.

Foreign Mails for	Date.	Per Steamer
	1882.	
Persian Gulf	30th June	From Bombay.
Madras, Ceylon and the Intermediate Ports	29th "	Str. *Ethiopia.*
Madras and Ceylon	29th "	P. & O. Str. *Lombardy.*
Colombo, Penang, Singapore, Hong-Kong, Shanghai, Yokohama and Australian Colonies	27th "	From Bombay.
Foreign Mails *viâ* Bombay	1st July	From Bombay.*
Do. Book Post and Pattern Packets .	30th June	From Bombay.
Rangoon, Moulmein, and Straits . . .	28th "	Str. *Rajpootana.*
Chittagong, Akyab, Kyouk Phyoo, and Rangoon	29th "	Str. *Busheer.*
Foreign Mails *viâ* Bombay	24th "	From Bombay.†

* Also for Cape Town and Natal *viâ* England; also *viâ* Aden for Mahé (Seychelles), Mauritius, and Réunion can be forwarded by this opportunity.

† Also for Cape Town and Natal *viâ* England; also *viâ* Aden for Mauritius, Mahé (Seychelles), Mayotte, Nossi Be and Réunion can be forwarded.

N.B.—The letter-box will close at 7 P. M. precisely; after which hour foreign letters, fully prepaid and bearing an extra postage stamp of four (4) annas on each cover, will be received up to 7-30 P. M.

E. HUTTON.

Presidency Post Master.

NOTICE.

Waste Lands available for Planters in the Tavoy District.

Waste lands, covered at present with forest, bamboos or grass, are available for plantations of coffee, tea, cinchona, or spices at altitudes varying from 100 feet to 6,800 feet above the sea in the Tavoy district. This region is between the 13th and 14th parallels of north latitude, and the rainfall ranges from 190 to 220 inches a year. The lands are mostly within 30 to 50 miles of the steamer station of Thayetchoung on the Tavoy river. Mail steamers ply between Thayetchoung and Moulmein or Rangoon once a week inwards and outwards.

II.—Grants of land in lots ranging from 100 to 1,200 acres can be had for planting tea, coffee, cinchona, or spices on application to the Deputy Commissioner of Tavoy. Such grants will be made in accordance with the "Burma Land and Revenue Act, 1876," and with the rules sanctioned thereunder by the Governor General of India in Council. Copies of the Act and rules can be obtained by intending planters on application to the Deputy Commissioner of Tavoy, the Commissioner of Tenasserim at Moulmein, or the Secretariat, Rangoon.

III.—In addition to the concessions and conditions laid down in the Act and rules, the following special concessions will be made to persons taking up land for plantations of coffee, tea, cinchona, or spices in Tavoy, namely,—

(1) A grantee must bring under cultivation one-third of his grant within 12 years from the date of his obtaining the grant. If, after the expiration of 12 years, any surplus uncultivated land, in excess of two acres of waste for each acre of cultivated land, shall remain on the grant, such surplus waste shall then revert to Government; and the grantee shall have no further claim or right in the surplus which has so reverted.

(2) A grantee will not be liable to pay any land revenue or any price for the land of his grant until the end of the tenth year after he enters on possession, provided that he takes *bonâ fide* steps to cultivate a reasonable proportion of the grant with coffee, tea, cinchona, or spices. In the event of any grantee desiring a more precise definition of a "reasonable proportion," the Chief Commissioner may decide beforehand in each case what proportion of the grant ought to be thus cultivated in each year.

(3) After the end of the tenth year the grantee will be liable to pay land revenue at the rate of Rs. 1-4-0 per acre and cesses at the rate of two annas per acre on one-third of his grant up to the year 1900 A. D.; after the expiration of such year he will be liable to pay for one-third of his grant the same revenue rate as is paid for garden lands in the nearest revenue circle where a garden rate obtains.

(4) A grantee will not be called upon to pay anything for timber, bamboos, or grass which he may cut upon his grant, provided he takes *bonâ fide* steps as aforesaid to cultivate coffee, tea, cinchona, or spices.

IV.—The only payment which a grantee will have to make on receiving his grant will be eight annas an acre for the cost of survey and demarcation. In consideration of such payment the Deputy Commissioner will cause a survey to be made of the grant, will furnish the grantee with a copy of such survey, and will cause boundary marks to be erected at suitable points in the outer boundary of the grant.

V.—The wishes of applicants will be met as far as possible in regard to the situation and shape of their grants. But ordinarily—

(*a*) no grant will be given where the Forest Department intend to make a forest reserve;

(*b*) no grant will be given on such a place as will unduly circumscribe the extension of cultivation of the grazing grounds of any neighbouring village or hamlet;

(*c*) grants facing a road or navigable stream will have to be of a depth double the length facing such road or navigable stream;

(*d*) small strips will be reserved leading to landing places for the benefit of neighbouring villages and grantees.

VI.—The Government is now spending much larger sums than heretofore on roads in the Tavoy district. If planters settle in the district, further funds will be allotted for roads from their neighbourhood to the steamer station at either Tavoy or Thayetchoung.

VII.—In order to encourage pioneers in the coffee and cinchona enterprise in Tavoy, the Government will pay to the first four grantees who begin *bonâ fide* planting operations Rs. 15 per head for every Indian or Chinese coolie, male or female, over 16 years of age, who may be settled and housed on their plantations before the 1st March 1885.

VIII.—In any case of doubt regarding the *bonâ fide* character of operations for the purposes of concessions III and VII, the Deputy Commissioner will decide, and his decision will be subject to appeal to the Commissioner of Tenasserim, whose decision will be final.

IX.—All minerals and metals under and within the lands granted under these rules are reserved by Government, together with a right to enter upon and resume such portion of land as may be necessary for examining or working mines upon payment of just compensation to the grantee for loss of, or injury done to, the surface.

G. D. BURGESS,
Secy. to the Chief Commr., British Burma.

The 6th April 1882.

GOVERNMENT CINCHONA FEBRIFUGE.

This preparation is an efficient substitute for Quinine and can be purchased by Government officers for public and charitable purposes, and by any one taking *twenty pounds* at a time, from the Superintendent, Botanical Garden, Calcutta, *for cash only*, at the following rates:—per four ounce tin, *Rs. 4-8*; per eight ounce tin, *Rs. 8-8*; per pound tin, *Rs. 16-8*. The general public can be supplied by the Superintendent, Botanical Garden, *for cash only*, at the under-noted rates:—per four ounce tin *Rs. 5-8*; per eight ounce tin *Rs. 10-8*; per pound tin, *Rs. 20*. This medicine is also sold by the principal European and Native druggists in Calcutta. Postage 8 annas per four and eight ounce tins, and 12 annas per pound tin, in addition to the foregoing rates.

گورنمنٹ سنکونا فبري فيوج

يهه دوا كوئينائين كا خوب قائم مقام هى اور كلكته كے بوٹانكل گارڈن يعنے كمپني باغ كے سپرنٹنڈنٹ صاحب سے هرايك ملازم سركاري واسطے سركاري كام اور خيرات كے اور سيواے اونكے جو كوئي ايك مشت بيس پونڈ خريد ليے سے نقيمت نقد حسب نرخ ذيل خريد كرسكتے هين يعنے نرخ چار اونس كے ٹين كا چار روپيه آٹهه آنه ; آٹهه اونس كے ٹين كا آٹهه روپيه آٹهه آنه ; ايك پونڈ كے ٹين كا سوله روپيه آٹهه آنه

اور عوام الناس بوٹانكل گارڈن يعنے كمپني باغ كے سپرنٹنڈنٹ صاحب سے نقيمت نقد حسب نرخ ذيل خريد كرسكتے هين يعنے نرخ چار اونس ٹين كا پانچ روپيه آٹهه آنه ; آٹهه اونس كے ٹين كا دس روپيه آٹهه آنه ; ايك پونڈ كے ٹين كا بيس روپيه

يهه دوا كلكته كے بڑے بڑے ولايتي اور ديسي دواخانوںمين بكتي هى ماسيواے قيمت مذكورۂ بالا كے محصول ڈاك چار اور آٹهه اونس كے ٹين كا آٹهه آنه ; اور ايك پونڈ كے ٹين كا بارہ آنه

Meteorological Publications for Sale.

The following publications of the Meteorological Office of the Government of India are on sale and can be procured at the Meteorological Office, No. 4, Middleton Row, or either at Messrs. Thacker, Spink & Co., or at Messrs. Brown & Co., at the prices noted against them:—

	Rs.	A.	P.
Report on the Meteorology of India, in 1875, 4to., 89 pages text, 297 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India, in 1876, 4to., 97 pages text, 340 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India in 1877, 4to., 173 pages text, 375 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India, in 1878, 4to., 149 pages text, 380 pages tables, 3 plates, 4 charts ...	8	0	0
Indian Meteorological Memoirs, Vol. I, Part I, 4to., 118 pages, 9 plates	2	8	0
Indian Meteorological Memoirs, Vol. I, Part II, 4to., 63 pages, 4 plates	1	8	0
Indian Meteorological Memoirs, Vol. I, Part III, 4to., 86 pages, 2 plates	1	8	0
Indian Meteorological Memoirs, Vol. I, Part IV, 4to., 62 pages, 8 plates	1	8	0
Rainfall Chart of India, showing the average annual distribution of rainfall (in colors)	1	0	0
Report on the Vizagapatam and Backergunge Cyclones, October 1876, 4to., 87 pages, 4 plates ...	2	0	0
Report on the Madras Cyclone, May 1877, 4to., 117 pages text, 97 pages tables, 5 plates ...	2	8	0

HENRY F. BLANFORD,
Meteorological Reporter to Government of India.

THE INDIAN LAW REPORTS.

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The "Indian Law Reports," published under the authority of the Governor General in Council, will appear in monthly parts, published as soon as possible after the first of each month at Calcutta, Madras, Bombay, and Allahabad, and will comprise four series,—one for the Calcutta High Court, a second for the Madras High Court, a third for the Bombay High Court, and a fourth for the Allahabad High Court. The cases heard by the Privy Council on appeal from each High Court will be reported in the Series for that High Court. Cases heard by the Privy Council on appeal from Provinces in India not subject to any High Court will be reported in the Calcutta

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The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, JUNE 24, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART III.

Advertisements and Notices by Private Individuals and Corporations.

NOTIFICATION.

With the consent of the Government of India, the Government of His Highness the Maharaja of Mysore is prepared to receive tenders for a Debenture Loan of (Rs. 20,00,000) twenty lakhs of Rupees on the security of the general revenues of the Mysore Province. The amount of the Loan is to be expended entirely on the construction of an important line of railway from Bangalore to Tiptoor, a distance of about 85 miles.

2. Debentures will be issued for the said amount bearing interest at the rate of five per cent. per annum, payable half-yearly on the 15th February and 15th August of each year and having a currency of twenty years. The interest will be payable at any of the Government Treasuries of the Mysore Province or at the Banks of Bengal, Madras or Bombay and their branches.

3. The form of Debenture Bonds will be that given below. Each Debenture will be issued for the sum of Rs. (500) five hundred, or some multiple of Rs. 500.

4. Tenders for the whole or any part of the above-named sum of Rs. (20,00,000) twenty lakhs will be received by the Comptroller to the Mysore Government at Bangalore up to noon on the 1st July 1882.

5. Each tender should be in the form hereto annexed, and enclosed in a sealed cover superscribed "Tender for the Mysore Railway Loan of 1882," and sent to the Comptroller to the Government of Mysore at Bangalore.

6. The tenders will be opened at the Dewan's Office at Bangalore in the presence of the Dewan and other members of the Mysore Government on the 1st July 1882 at noon, a minimum rate having first been fixed by the Dewan.

7. Each tender must be accompanied by the deposit of a sum equal to 2 per cent. of the amount tendered. Such deposit may be made by paying the amount to the credit of the Dewan of Mysore at the Banks of Bengal, Madras and Bombay, or at any of their branches, or at any of the Treasuries of the Mysore Government, and forwarding with the tender the receipt of such Bank or Treasury or by a Money Order payable to the Dewan of Mysore, or by Government of India Promissory Notes duly endorsed in favor of the Dewan of Mysore.

8. If the tender be accepted either in whole or in part, the deposit made will be taken in part payment, and the tenderer must arrange for the payment of the remainder of the amount of the loan allotted to him on or before the 15th August 1882 into any of the Treasuries of the Mysore Government, or into the Banks of Bengal, Madras or Bombay or any of their branches to the credit of the Dewan of Mysore, failing which the deposit made will be forfeited.

9. Debentures will be issued as soon as possible after receipt of the amount of allotment.

10. The deposit on tenders which may not be accepted will be returned on application.

11. In the case of two or more tenders at the same rate (not being below the minimum), a *pro rata* allotment will, if necessary, be made.

12. The rate stated in a tender must not contain any fraction of an anna; if a rate containing a fraction of an anna is inserted in any tender, such fraction will be struck out, and the tender treated as if the rate did not contain such fraction of an anna.

13. In order to avoid mistakes, a separate tender must be made at each rate tendered, and a separate deposit must accompany each tender.

14. The annual revenues of the Mysore Province amount at present to Rs. 1,06,00,000 (one hundred and six lakhs of Rupees), and are expected to yield an annual surplus of five lakhs after defraying all charges and providing for repayments on account of the Famine Loan due to the Government of India.

15. Arrangements will be made for securing negotiability to the Debentures in British India free of Stamp Duty.

C. RANGACHARLU,
Dewan.

OFFICE OF THE DEWAN OF MYSORE,
BANGALORE,
The 1st May 1882.

Form of Tender.

I hereby tender for Rupees of the Loan advertized in the Notification of the Dewan of Mysore, dated 1st May 1882, and agree to pay the same subject to the conditions notified, at the rate of Rupees for every Rs. 100 allotted to me.

I enclose on account of the required deposit of 2 per cent. on the amount tendered (*here enter particulars of deposit*), and engage, if my offer is accepted, to pay the remainder of the amount of the Loan allotted to me on or before the 15th August 1882, in the manner prescribed in the Notification. Any allotment made to me may be communicated to the following address.

Signature.
Full address.

Form of Debenture.

MYSORE RAILWAY FIVE PER CENT. LOAN, 1882.

Bangalore, *1882.*

No.

The Government of His Highness the Maharaja of Mysore, in consideration of the sum of Rupees received from

promise to pay to the said or order the sum of Rupees twenty years after the date hereof, together with interest at the rate of five per centum per annum, payable half-yearly on 15th February and 15th August.

PROMISSORY NOTES.

Lost or Destroyed

The Government Promissory Note, No. $\frac{142015}{050609}$, of the 4 per cent. of 1865, for Rs. 600, originally standing in the name of Dinshaw Sapoorjee, and last endorsed to Surundass Rajabhoy, the proprietor, by whom it was never endorsed to any other person. Payment of the above Note and the interest thereupon have been stopped at the Public Debt Office, Bank of Bengal, and application is about to be made for the issue of duplicate in favour of the proprietor.

KADERBHOY & Co.,
9, Massy Street, Rawalpindi.

The Gazette of India.

PUBLISHED BY AUTHORITY.

SIMLA, SATURDAY, JUNE 24, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART IV.

Acts of the Governor General's Council assented to by the Governor General.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

[Third publication.]

The following Act of the Governor General of India in Council received the assent of His Excellency the Governor General on the 7th June, 1882, and is hereby promulgated for general information :—

ACT No. XVII OF 1882.

An Act to amend the Indian Ports Act, 1875.

WHEREAS it is enacted by the Indian Ports Act, 1875, section thirty-eight, that no vessel of the burden of two hundred tons or upwards shall be moved in any port to which that section has been specially extended without having a Pilot, Harbour-master or Assistant of the Master Attendant or Harbour-master on board; and that no vessel of any burden less than two hundred tons and exceeding one hundred tons shall be moved in any such port without having on board a Pilot, Harbour-master or Assistant of the Master Attendant or Harbour-master, unless authority in writing so to do has been obtained from the Conservator or some officer empowered by him to give such authority;

And whereas it is expedient to exempt Native vessels when moved in the Port of Bombay from the provisions of the recited section;

And whereas it is also expedient to exempt pleasure-yachts throughout British India from the levy of port-dues;

It is hereby enacted as follows :—

Short title. Commencement.

1. This Act may be called the Indian Ports Act, 1882; and it shall come into force at once.

Amendment of section 38 of Act XII of 1875 as to Native vessels in Port of Bombay.

2. To the recited section the following words shall be added :—

"Nothing in this section shall apply to Native vessels when they are moved in the Port of Bombay.

"If any question arises as to whether any vessel is a Native vessel within the meaning of this section, the decision thereon of such authority as the Governor of Bombay in Council may from time to time appoint in this behalf shall be conclusive."

Addition to Act XII of 1875.

3. After section fifty-eight of the Indian Ports Act, 1875, the following section shall be inserted, namely :—

Port-dues not chargeable on pleasure-yachts.

"58A. No port-dues shall be chargeable in respect of any pleasure-yacht."

D. FITZPATRICK,
Secy. to the Govt. of India.

The Gazette of India.

PUBLISHED BY AUTHORITY.

SIMLA, SATURDAY, JUNE 24, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART V.

Bills introduced into the Council of the Governor General for making Laws and Regulations, or published under Rule 22.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

[Second publication.]

The following Bill was introduced into the Council of the Governor General of India for the purpose of making Laws and Regulations on the 14th June, 1882, and was referred to a Select Committee:—

No. 8 OF 1882.

THE PANJÁB UNIVERSITY BILL, 1882.

CONTENTS.

PREAMBLE.

SECTIONS.

1. Short title.
   Commencement.
2. Establishment of University.
   University to be a Body Corporate.
3. Property of Panjáb University College to vest in University.
4. Chancellor.
5. Vice-Chancellor.
6. Fellows.
   Number of Fellows.
7. The appointment of a Fellow may be cancelled.
8. Office of Vice-Chancellor vacated by leaving India.
9. First Vice-Chancellor and Fellows appointed.
10. Chancellor, Vice-Chancellor and Fellows to form Senate of the University.
    Senate to superintend the affairs of the University.
11. Chairman appointed.
12. Questions to be decided at meetings of the Senate.
    Number of members to be present at meeting of Senate.
13. Appointment and removal of examiners and officers.
14. Power to confer degrees, &c., after examination.
15. Power to confer degrees on persons who have passed examinations at the Lahore University College in 1882.
16. Power to confer honorary degrees.
17. Power to levy fees.
18. Power to make rules.

THE SCHEDULE.

PART I.—OFFICES TO BE DEEMED TO HAVE BEEN SPECIFIED IN SECTION 6, CLAUSE (*a*).

PART II.—PERSONS TO BE DEEMED TO HAVE BEEN APPOINTED FELLOWS UNDER SECTION 6, CLAUSE (*b*).

A Bill to establish and incorporate the University of the Panjáb.

Preamble.

WHEREAS an Institution, styled at first the Lahore University College but subsequently the Panjáb University College, was established at Lahore in the year 1869 chiefly for the purpose of promoting the diffusion of European science, as far as possible, through the medium of the vernacular languages of the Panjáb, improving and extending vernacular literature generally, affording encouragement to the enlightened study of the Eastern classical languages and literature, and associating the learned and influential classes of the Province with the officers of Government in the promotion and supervision of popular education;

But it was at the same time provided that every encouragement should be afforded in that institution to the study of the English language and literature, and that in all subjects which could not be completely taught in the vernacular the English language should be regarded as the medium of examination and instruction therein;

And whereas this Institution was by a Notification, No. 172, dated 8th December, 1869, published in the *Panjáb Government Gazette* of the twenty-third day of December, 1869, declared to be so established in part fulfilment of the wishes of a large number of the Chiefs, Nobles and influential classes of the Panjáb, and it is now expedient, the said Institution having been attended with success, further to fulfil the wishes of the said Chiefs, Nobles and influential classes, by constituting the said Institution a University for the purpose of ascertaining, by means of examination or otherwise, the persons who, having studied in such Colleges as may be affiliated in manner hereinafter provided, have acquired proficiency in different branches of Literature, Science and Art, and for the purpose of conferring upon them academical degrees, diplomas, licenses and marks of honour;

And whereas it is also expedient that the University so constituted should be incorporated, and

that the property, moveable and immoveable, which has been hitherto held by, or in trust for, the said Institution should become the property of the University, subject to all existing trusts as to the manner in which, and the purposes to which, that property or any part thereof is to be applied;

The draft Bill referred to is that annexed to Panjáb letter No. 1277, dated 30th March, 1881.

It is hereby enacted as follows:—

Draft Bill, s. 1.

Short title. Commencement.

1. This Act may be called the Panjáb University Act, 1882; and it shall come into force at once.

cf. draft, s. 2. cf. also 42 & 43 Vic., c. 65, s. 2.

Establishment of University.

2. (1) A University shall be established at Lahore under the patronage of the Governor General for the time being.

Draft, s. 4: Act II of 1857, s. 3. cf. 42 & 43 Vic., c. 65, s. 3.

(2) The University so established shall consist of a Chancellor, a Vice-Chancellor and such number of Fellows as may be determined in manner hereinafter provided.

Draft, ss. 2 & 3: Act II of 1857, ss. 1 & 2. cf. 42 & 43 Vic., c. 65, s. 3.

University to be a Body Corporate.

(3) The University shall be a Body Corporate by the name of the University of the Panjáb, having perpetual succession and a common seal, with power to acquire and hold property, moveable or immoveable, to transfer the same, to contract, and to do all other things necessary for the purposes of its constitution.

(4) The University shall come into existence on such day as the Local Government may by notification in the official Gazette appoint in this behalf.

New. cf. 42 & 43 Vic., c. 65, s. 12.

Property of Panjáb University College to vest in University.

3. All the property, moveable and immoveable, at present held by or in trust for the Panjáb University College shall, when this Act comes into force, become the property of the University, to be administered by it for the purposes of the University subject to all existing trusts as to the manner in which, and the purposes to which, that property or any part thereof is to be applied.

Draft, s. 5: Act II of 1857, s. 4.

Chancellor.

4. The Lieutenant-Governor of the Panjáb for the time being shall be the Chancellor of the University; and the first Chancellor shall be the Hon'ble Sir Charles Umpherston Aitchison, Knight Commander of the Most Exalted Order of the Star of India, Companion of the Order of the Indian Empire, Doctor of Laws.

Draft, s. 6: Act II of 1857, s. 5.

Vice-Chancellor.

5. The Vice-Chancellor shall be such one of the Fellows as the Chancellor may, from time to time, by notification in the local official Gazette, appoint in this behalf.

He shall hold office for two years from the date of his appointment, and on the expiration of his term of office may be reappointed.

Draft, s. 8.

Fellows.

6. The following persons shall be Fellows, namely:—

(a) every person who has held the office of Chancellor and all persons for the time being holding such offices under Government as the Chancellor may, from time to time, by notification in the local official Gazette, specify in this behalf;

(b) persons whom the Chancellor may, from time to time, by like notification, appoint by name as being eminent benefactors of the Panjáb University, original promoters of the movement in favour of the establishment of the Panjáb University College, or persons distinguished for attainments in Literature, Science or Art, or for zeal in the cause of education;

(c) such persons (if any) as may from time to time be elected by the Senate hereinafter constituted, and approved by the Chancellor; and — Draft, s. 9.

(d) the representatives for the time being with the Government of the Panjáb of such Chiefs (if any) of territories not comprised in British India as the Lieutenant-Governor may, from time to time, by like notification, specify in this behalf:

Provided—

Number of Fellows.

(1) that the whole number of the Fellows holding office under clauses (a), (b) and (c) exclusive of the Vice-Chancellor shall never be less than fifty; and — Draft, s. 7; Act II of 1857, s. 6.

(2) that the number of persons elected under clause (c) shall never exceed the number appointed under clause (b).

The appointment of a Fellow may be cancelled.

7. The Chancellor may, whenever he thinks fit, by a notification in the local official Gazette, cancel the appointment of any Fellow appointed under section six, clause (b), or cancel or amend any notification issued under section six, clause (a) or clause (d). — Draft, s. 10; Act II of 1857, s. 7.

Office of Vice-Chancellor vacated by leaving India.

8. If a Vice-Chancellor leaves India without the intention of returning thereto, he shall thereupon cease to be Vice-Chancellor. — Draft, s. 4.

First Vice-Chancellor and Fellows appointed.

9. (1) James Broadwood Lyall, Esquire, of the Bengal Civil Service, and at present Financial Commissioner of the Panjáb, shall be deemed to have been appointed the first Vice-Chancellor under section five; and his term of office shall expire on the first day of September, 1884. — Draft, s. 2: Act II of 1857, s. 5.

(2) The offices specified in Part I of the schedule hereto annexed shall be deemed to have been specified in a notification issued under section six, clause (a); and

(3) the persons named in Part II of that schedule shall be deemed to have been appointed Fellows under clause (b) of that section.

Chancellor, Vice-Chancellor and Fellows to form Senate of the University.

10. (1) The Chancellor, Vice-Chancellor and Fellows for the time being shall form the Senate of the University. — Draft, s. 11; Act II of 1857, s. 8.

Senate to superintend the affairs of the University.

(2) The Senate shall have the entire management and superintendence over the affairs, concerns and property of the University, and shall provide for that management and exercise that superintendence at meetings convened in accordance with the rules made under this Act.

Chairman appointed.

11. At every meeting of the Senate the Chancellor, or in his absence the Vice-Chancellor, shall preside as Chairman; and, in the absence of both, a Chairman shall be chosen by the Fellows present, or the majority of them.

Questions to be decided at meetings of the Senate.

12. Every question which comes before the Senate at a meeting shall be decided by a majority of the votes of the members present; and the Chairman at any such meeting shall have a vote, and, in case of an equality of votes, a second or casting vote; — Draft, s. 12; Act II of 1857, s. 9.

Provided that no question shall be decided at any such meeting unless fourteen Fellows at the least besides the Chairman are present at the time of the decision.

Number of members to be present at meeting of Senate.

Draft, s. 13: Act II of 1857, s. 10.

13. Subject to such rules as may be made under this Act, the Senate may from time to time appoint and remove all examiners, officers and servants of the University, and may also appoint a Syndicate.

Appointment and removal of examiners and officers.

Draft, s. 14.

14. *(1)* The Senate may confer on all persons who have gone through such previous course of instruction in an affiliated college, passed such examinations in the University, and fulfilled such other conditions as may be prescribed by the rules to be made under this Act,—

Power to confer degrees, &c., after examination.

Act II of 1857, s. 11.

(*a*) the degrees of Bachelor of Arts, Master of Arts, and, if empowered by the Governor General in Council in this behalf, the degrees of Bachelor of Laws, Bachelor of Medicine, Doctor of Medicine and Master of Civil Engineering, as the case may be;

Act XLVII of 1860, s. 1.

(*b*) such other degrees and such diplomas or licenses as may be prescribed by any rules made under this Act; and

Act II of 1857, s. 11.

(*c*) such marks of honour for a high degree of proficiency in the different branches of Literature, Science and Art as may be prescribed by rules made as aforesaid.

(2) "Affiliated College" in this section means such Colleges as may from time to time be affiliated to the University by an order of the Senate approved of by the Local Government and confirmed by the Governor General in Council.

(3) An order affiliating a College may be rescinded by an order similarly made, approved and confirmed.

Draft, s. 16: Act II of 1857, s. 13.

15. Notwithstanding anything in section fourteen, the Senate may confer degrees, diplomas, licenses or marks of honour as provided by that section on all persons who have in the year 1882, and previous to the passing of this Act, passed such examinations prescribed by the Panjáb University College as may be sufficient to satisfy the Senate that they are persons qualified in point of learning to obtain those degrees, diplomas, licenses or marks of honour.

Power to confer degrees on persons who have passed examinations at the Lahore University College in 1882.

Draft, s. 15: Act XXI of 1875, s. 1.

16. Notwithstanding anything hereinbefore contained, the Senate may grant a degree to any person without requiring him to undergo any examination for that degree:

Power to confer honorary degrees.

Provided that the Vice-Chancellor, and not less than ten of the members of the Syndicate appointed under section thirteen (exclusive of the Vice-Chancellor, if a member of that Syndicate) certify in writing that in their opinion that person is, by reason of eminent position and attainments, a fit and proper person to receive such degree.

Draft, s. 18: Act II of 1857, s. 15.

17. The Senate may charge such reasonable fees, on admission into the University, for continuance therein, and for the degrees, diplomas and licenses to be conferred by it, as the University, with the approbation of the Chancellor, from time to time, thinks fit to impose.

Power to levy fees.

Draft, s. 11.

18. *(1)* The Senate may from time to time make rules consistent with this Act touching—

Power to make rules.

(*a*) the mode and time of convening the meetings of the Senate;

(*b*) the appointment, removal and remuneration of the examiners, officers and servants;

(*c*) the appointment of the Syndicate;

(*d*) the previous course of instruction to be followed, the examinations to be passed, and the other conditions to be fulfilled by candidates for degrees, diplomas, licenses and marks of honour respectively;

(*e*) the conduct of examinations for the mode of granting, and the titles of, degrees, diplomas, licenses and marks of honour; and

(*f*) generally all matters regarding the University.

(2) All such rules shall be reduced into writing, and shall, after the common seal of the University has been affixed thereto, and they have been confirmed by the Lieutenant-Governor and sanctioned by the Governor General in Council, be binding on all persons, members of the University, or admitted thereto, and on all candidates for degrees, diplomas, licenses and marks of honour.

THE SCHEDULE.

(*See Section 9.*)

PART I.

Offices to be deemed to have been specified under section 6, clause (*a*) :—

Judge of the Chief Court, Panjáb;
Financial Commissioner of the Panjáb;
Surgeon-General of the Panjáb;
Commissioner of Lahore;
Commissioner of Delhi;
Commissioner of Amritsar;
Accountant-General of the Panjáb;
Director of Public Instruction, Panjáb;
Principal of the Lahore Government College;
Principal of the Lahore Medical School;
Inspector of Schools;
Deputy Commissioner of Lahore;
Deputy Commissioner of Delhi;

PART II.

Persons to be deemed to have been appointed Fellows under section 6, clause (*b*) : —

His Highness Mahárájá Ranbír Singh, of Jammu and Kashmir, G.C.S.I., C.I.E., Counsellor of the Empress of India;

His Highness Mahárájá Rájindar Singh, of Patiala;

His Highness Nawáb Sádik Muhammad Khán, of Bahawalpur, G.C.S.I.;

His Highness Rájá Raghbír Sing, of Jind, G.C.S.I., C.I.E., Counsellor of the Empress of India;

His Highness Rájá Híra Singh, of Nabha, G.C.S.I.;

His Highness Rájá Jagatjit Singh, of Kapurthala;

Rájá Bije Sen of Mandi;

Nawáb Ibrahim Ali Khán, of Máler Kotla;

Nawáb Abdul Majíd Khán;

Sardár Ajít Singh, Atáriwála;
Rai Amín Chand, Sardár Bahádur;
Maláz-ul-Ulma Sardár Atar Singh, C.I.E., of Bhadaur;
Major-General Henry Prevost Babbage, Bengal Staff Corps, late Deputy Commissioner, Panjáb;
David Graham Barkley, Esquire, M.A., Bengal Civil Service, Barrister-at-Law;
Deputy Surgeon-General Henry Walter Bellew, C.S.I.;
Reverend Edward Bickersteth, M.A.;
Charles Boulnois, Esquire, Barrister-at-Law, late Judge, Chief Court, Panjáb;
Sardár Bikrama Singh, C.S.I., Ahluwália;
Arthur Brandreth, Esquire, Barrister-at-Law, late of the Bengal Civil Service, and Judge, Chief Court, Panjáb;
Surgeon-Major Thomas Edwin Burton Brown, M.D.;
James Scarlett Campbell, Esquire, late of the Bengal Civil Service, and Judge, Chief Court, Panjáb;
Surgeon-Major William Center, M.D., M.A.;
Reverend Robert Clark, M.A.;
John Graham Cordery, Esquire, M.A., Bengal Civil Service;
The Hon'ble Henry Stuart Cunningham, Esquire, M.A., Barrister-at-Law, Judge of the High Court, Calcutta;
Surgeon-Major Alexander Morrison Dallas;
Mansel Longworth Dames, Esquire, Bengal Civil Service;
Deputy Surgeon-General Annesley Charles Castriot DeRenzy, B.A.;
Sir Robert Henry Davies, K.C.S.I., C.I.E., late Lieutenant-Governor of the Panjáb and its Dependencies;
Colonel William George Davies, C.S.I.;
Sir Robert Eyles Egerton, K.C.S.I., C.I.E., Counsellor of the Empress, late Lieutenant-Governor of the Panjáb and its Dependencies;
Dennis Fitzpatrick, Esquire, B.A., Bengal Civil Service, Barrister-at-Law;
Reverend C. W. Foreman, D.D.;
The Right Reverend Thomas Valpy French, D.D., Lord Bishop of Lahore;
Munshi Ghulám Nabi;
Surgeon-Major Robert Gray, M.B.;
Major Leopold John Henry Gray, C.S.I., Bengal Staff Corps;
Sir Lepel Henry Griffin, K.C.S.I., Bengal Civil Service;
Pandit Guru Parshád;
Syad Hádi Husain Khan;
Rája Harbans Singh;
Kaur Harnám Singh, Ahluwália;
Edward Piercy Henderson, Esquire, Bengal Civil Service, Barrister-at-Law;
Surgeon-Major George Henderson, M.D.;
Mir Hidáyat Ali Khán, Bahádur;
Lieutenant-Colonel William Rice Morland Holroyd;
Reverend W. Hooper, M.A.;
Reverend T. P. Hughes, B.D.;
Munshi Hukm Chand;
Sodhi Hukm Singh;
Denzil Charles Jelf Ibbetson, Esquire, B.A., Bengal Civil Service;
Rájá Jahándád Khán, Khán Bahádur, Ghakkar;
Agha Kalbabid;
Fakír Syad Kamr-ud-din;
Rai Bahádur Kanhya Lal, C.E.;
Khán Bahádur Khán Muhammad Shah;
Bába Khem Singh, C.I.E., Bedi;
John Lockwood Kipling, Esquire;
Charles Robert Lindsay, Esquire, late of the Bengal Civil Service, and Judge, Chief Court Panjáb;
Surgeon Edward Lawrie, M.D.;
Gottlieb William Leitner, Esquire, M.A., PH.D., LL.D.
Thomas Crampton Lewis, Esquire, M.A.;
James Broadwood Lyall, Esquire, Bengal Civil Service.
General Robert Maclagan, R.E., late Secretary to Government, Panjáb, Public Works Department;
Colonel Charles Alexander McMahon;
The Ven'ble Henry James Matthew, M.A., Archdeacon of Lahore;
Colonel Julius George Medley, R.E.;
Philip Sandys Melvill, Esquire, C.S.I., late of the Bengal Civil Service, and Governor-General's Agent, Baroda;
John Andrew Erasmus Miller, Esquire;
Pandit Moti Lal, Káthju;
Khán Bahádur Muhammad Barkat Ali Khán;
Muhammad Hyat Khán, C.S.I.;
Khalifa Syad Muhammad Hussain;
Rái Mul Singh;
Násir Ali Khán, Kazilbásh;
Náwab Nawázish Ali Khán;
Major Edward Newbery;
Bábu Navina Chandra Rái;
Edward O'Brien, Esquire, Bengal Civil Service;
Henry Edmund Perkins, Esquire, Bengal Civil Service;
Henry Meredith Plowden, Esquire, B.A., Barrister-at-Law;
Major-General Charles Pollard, R.E.;
Baden Henry Baden-Powell, Esquire, Bengal Civil Service;
Edward Augustus Prinsep, Esquire, late of the Bengal Civil Service, and Settlement Commissioner, Panjáb;
Honorary Surgeon Rahim Khán, Khán Bahádur;
Diwán Rám Náth;
William Henry Rattigan, Esquire, M.A., PH.D., Barrister-at-Law;
Pandit Rikhí Kesh;
Rájá Sir Sahib Dyál, K.C.S.I.;
Rái Bahádur Sahib Singh;
Leslie Seymour Saunders, Esquire, Bengal Civil Service;
David Simson, Esquire, late of the Bengal Civil Service, and Judge, Chief Court, Panjáb.
Brigade-Surgeon John Barcley Scriven, late Civil Surgeon, Lahore;
John Sime, Esquire, B.A.;
Surgeon-General Charles Manners Smith, late of the Indian Medical Service;
John Watt Smyth, Esquire, Bengal Civil Service, Barrister-at-Law;
Charles Henry Spitta, Esquire, LL.B., Barrister-at-Law;
Thomas Henry Thornton, Esquire, D.C.L., C.S.I., late of the Bengal Civil Service, and Judge, Chief Court, Panjáb;
Thomas William Hooper Tolbort, Esquire, Bengal Civil Service, Barrister-at-Law;
Charles Lewis Tupper, Esquire, B.A., Bengal Civil Service;
Major Isaac Peatt Westmoreland, R.E.;
Lieutenant-Colonel George Gordon Young;
William Mackworth Young, Esquire, M.A., Bengal Civil Service;
Maulvi Ziá-ud-din Khán.

STATEMENT OF OBJECTS AND REASONS.

IN the year 1869 the Governor General in Council was pleased, in accordance with the recommendations of the Lieutenant-Governor of the Panjáb, and in part fulfilment of the wishes of a large number of the chiefs, nobles and influential classes of the Panjáb, to sanction the establishment at Lahore of an institution, then styled the Lahore University College, but subsequently styled the Panjáb University College. The special objects of this College, as stated by its statutes, were as follows :—

(1) to promote the diffusion of European science as far as possible through the medium of the vernacular languages of the Panjáb, and to improve and extend vernacular literature generally ;

(2) to afford encouragement to the enlightened study of Eastern classical languages and literature; and

(3) to associate the learned and influential classes of the Province with the officers of Government in the promotion and supervision of popular education.

It was, however, at the same time laid down that every encouragement should be afforded to the study of the English language and literature, and that in all subjects which could not be completely taught in the Vernacular the English language would be regarded as the medium of examination and instruction.

At the time of the establishment of this College, promises were held out by Government that, if attended with due success, it might eventually be raised to the status of a University; and large sums of money have been, from time to time, given to the College by the chiefs and influential classes of the Panjáb, who have long looked forward to the fulfilment of these promises. As the College has, in the opinion of Government, been attended with due success, it has been determined to carry out what is believed to be the almost universal wish of the Natives of the Panjáb who are interested in education, and constitute the College a University.

2. The present Bill has, therefore, been prepared. Section 2 establishes the University, and confers on it all the powers of a body corporate. Section 3 provides for the transfer to the University of all the property at present held by or in trust for the University College. Sections 4 to 8 deal with the constitution of the University, and provide for a Chancellor, who is to be the Lieutenant-Governor of the Panjáb for the time being, a Vice-Chancellor to be appointed by the Chancellor, and a body of Fellows.

The Fellows will be of four classes, namely: (1) the holders for the time being of certain offices, who are to be *ex-officio* Fellows; (2) persons appointed by the Chancellor as being eminent benefactors of the University, original promoters of the movement in favour of the Panjáb University College, or persons distinguished for attainments in literature, science or art, or by zeal in the cause of education; (3) persons chosen by the Senate and approved by the Chancellor; and (4) the representatives for the time being with the Government of the Panjáb of such independent Native chiefs as the Lieutenant-Governor may by notification in the Gazette specify. The schedule annexed to the Act contains a list of the persons who are to be deemed to be the first Fellows. Sections 10, 11 and 12 provide for a Senate and matters connected therewith. Section 13 empowers the Senate to appoint and remove all examiners, officers and servants of the University. Section 14 empowers it to confer certain degrees, but restricts the exercise of the power to confer the degrees of Bachelor of Laws, Bachelor of Medicine, Doctor of Medicine and Master of Civil Engineering until the Governor General in Council has given his assent thereto; and section 15 gives it power to confer like degrees in the case of persons who may have passed during the year 1882 such examinations of the Panjáb University College as may correspond to the degree examinations of the University. Section 16 empowers the Senate to confer honorary degrees in certain cases; section 17 to levy fees; and section 18 to make rules generally in all matters regarding the University.

J. GIBBS.

The 7th June, 1882.

D. FITZPATRICK,
Secy. to the Govt. of India.

SUPPLEMENT TO

The Gazette of India.

№ 25.} CALCUTTA, SATURDAY, JUNE 24, 1882.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on a payment of six Rupees per annum if delivered in Calcutta, or nine Rupees if sent by Post.*

No Official Orders or Notifications, the publication of which in the GAZETTE OF INDIA *is required by Law, or which it has been customary to publish in the* CALCUTTA GAZETTE, *will be included in the* SUPPLEMENT. *For such Orders and Notifications the body of the* GAZETTE *must be looked to.*

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

[TELEGRAPH.]

ABSTRACT OF FOREIGN TRAFFIC FOR THE MONTH OF FEBRUARY 1882.

CLASS OF MESSAGES.	ROUTE.																				TOTAL.	
	WEST.								EAST.													
	VIA TEHERAN.		VIA TURKEY.		PERSIAN GULF.		VIA SUEZ.		VIA AMUR.		VIA MADRAS.		VIA RANGOON.		NATIVE BURMA.		VIA PAUMBEN.			
	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.
INDIAN.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.
Sent . . .	2,226	9,308 6	80	246 3	30	143 6	4,456	13,738 4	15	33 15	686	1,085 7	147	409 13	352	549 4	1,669	3,576 11	9,661	29,091 5
Received . .	2,884	14,158 13	109	355 11	45	166 5	3,001	11,963 13	9	19 13	646	1,932 3	220	638 2	...	...	1,616	3,155 5	8,530	32,390 1
TOTAL .	5,110	23,467 3	189	601 14	75	309 11	7,457	25,702 1	24	53 12	1,332	3,017 10	367	1,047 15	352	549 4	3,285	6,732 0	18,191	61,481 6
TRANSIT.																				
From East to West—																				
Received. *Vid* Madras .	157	539 4	1	4 8	5	18 6	3,652	14,823 9	...	...	...	...	...	...	...	...	...	...	3,815	15,385 11
„ Rangoon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ Laingha .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ Paumben	53	205 5	...	...	1	3 12	442	1,234 3	...	...	...	...	...	...	...	...	...	...	496	1,443 4
From West to East—																				
Sent. *Vid* Madras .	1,461	5,870 12	43	151 2	4	12 7	2,239	8,953 14	12	25 2	...	...	...	...	...	...	...	...	3,759	15,013 5
„ Rangoon .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ Laingha .	...	...	...	...	...	...	3	16 3	...	...	...	...	...	...	...	...	...	...	3	16 3
„ Paumben	228	803 8	5	16 1	1	3 8	166	643 12	...	...	...	...	...	...	...	...	...	...	400	1,466 13
From West to West—																				
Vid Bombay and Karachi.	...	...	...	...	1	3 0	...	...	...	...	...	...	...	...	...	...	...	...	1	3 0
Vid Karachi and Bombay.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
From East to East—																				
Vid Paumben .	...	...	...	...	...	...	...	...	...	...	68	260 6	5	14 0	...	...	...	...	73	274 6
„ Madras .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	58	253 6	58	253 6
TOTAL .	1,899	7,418 13	49	171 11	12	41 1	6,502	25,671 9	12	25 2	68	260 6	5	14 0	...	...	58	253 6	8,605	33,856 0
																	GRAND TOTAL ...		26,796	95,337 6

ABSTRACT OF FOREIGN TRAFFIC WITH INDIA BY THE INDO-EUROPEAN AND RED SEA ROUTES FOR THE MONTH OF FEBRUARY 1882.

ROUTE.		NUMBER OF MESSAGES BY EACH ROUTE (EXCLUSIVE OF TRANSIT).			PERCENTAGE OF NUMBER.		
		To India.	From India.	TOTAL.	To India.	From India.	TOTAL.
INDO-EUROPEAN	*Vid* Teheran	2,884	2,226	5,110	47·76	32·77	39·83
	„ Turkey	109	80	189	1·80	1·18	1·47
	Persian Gulf *vid* Karachi	45	30	75	0·75	0·44	0·58
RED SEA . .	*Vid* Suez	3,001	4,456	7,457	49·69	65·61	58·12
	TOTAL .	6,039	6,792	12,831	100·00	100·00	100·00

GOVERNMEN

DEPARTMENT OF FI

PRICES CURRENT OF FOOD-GRAINS THROUGHOU

QUANTITIES PER RUPE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Madras	Ganjam	11 13	14 11	14 11	...	...	...	17 13	17 13	17 13	19 10	19 10	19 8	...	...	...	...	...	...
	Vizagapatam	11 0	5 0	17 0	...	...	...	9 0	9 0	15 11	11 5	11 3	16 14	23 13	23 3	25 6	22 13	23 13	29 11
	Godavery	10 13	9 14	11 11	...	...	...	14 13	15 13	13 14	18 0	18 0	18 0	29 13	28 13	...	...	...	...
	Kistna	14 11	14 3	15 2	...	...	...	17 5	16 11	17 8	17 14	17 14	17 14	18 11	18 3	27 0	...	...	...
	Nellore	14 6	14 6	12 10	...	...	...	15 13	15 13	14 5	...	...	16 0	33 10	38 6	26 14	...	...	...
	Cuddapah	14 11	16 3	15 6	...	...	...	12 6	12 0	11 8	14 2	13 11	12 14	30 0	30 13	30 0	30 6	31 14	33 5
	Anantapur	14 6	14 6	11 8	...	...	...	15 0	15 0	13 14	16 3	16 3	15 2	33 0	33 0	39 2	18 13	18 13	18 13
	Bellary	18 3	17 5	18 3	...	...	...	12 5	12 5	13 6	13 8	13 8	14 10	33 0	33 0	41 3	26 5	26 5	33 14
	Kurnool	15 3	14 10	12 11	...	...	...	11 0	11 0	11 0	11 13	11 13	11 6	32 3	32 3	35 10	27 8	28 11	33 11
	Madras	10 11	10 13	9 2	...	...	...	14 3	14 10	13 11	15 13	16 3	14 14	24 8	24 8	21 10	26 6	26 6	22 6
	Chingleput	...	...	...	...	...	...	16 8	16 8	15 0	17 0	17 0	16 2	...	...	...	...	...	...
	North Arcot	11 14	11 6	11 0	...	...	...	17 3	15 14	16 13	18 13	17 5	18 13	34 10	34 10	23 11	30 8	31 5	30 8
	South Arcot	10 2	9 6	9 6	...	...	...	16 2	17 0	15 11	18 6	18 6	17 2	33 10	33 10	26 14	27 11	29 5	25 13
	Tanjore	11 0	10 5	11 0	...	...	...	17 13	17 13	17 6	...	...	...	38 3	38 3	31 13	31 14	34 3	32 5
	Trichinopoly	9 10	9 14	11 3	...	...	...	16 10	16 10	16 10	17 0	17 0	17 0	...	...	...	29 3	29 3	24 2
	Madura	13 5	13 5	13 10	...	...	...	15 8	15 8	14 11	16 8	17 5	15 3	29 3	25 14	25 14	32 5	29 6	27 3
	Tinnevelly	9 3	9 3	8 14	...	...	...	15 14	15 14	13 14	16 13	16 13	14 6	...	...	...	...	...	...
	Coimbatore	13 2	14 13	15 10	...	...	...	14 13	15 5	16 3	15 6	15 13	17 3	24 6	26 2	20 10	35 0	35 0	35 3
	Nilgiris	*	9 14	10 10	...	...	...	*	9 10	11 3	*	12 0	12 0	*	18 8	20 0	*	19 10	21 0
	Salem	13 10	13 10	12 13	...	...	...	15 0	15 8	14 0	16 0	16 0	16 0	27 5	29 2	25 8	22 14	22 14	24 10
	South Canara	10 5	10 5	10 5	...	...	...	9 11	10 11	8 11	13 11	14 11	14 11	...	...	...	...	...	...
	Malabar	7 3	9 0	10 2	...	...	...	15 3	15 6	15 13	15 13	16 3	16 10	...	...	...	...	...	...
Bombay	Bombay	10 7	10 4	11 4	16 14	18 0	19 2	7 10	7 11	7 4	12 2	12 10	11 7	17 13	18 4	21 4	14 10	17 3	19 8
	Ahmedabad	12 8	13 0	16 4	...	21 0	33 0	6 8	5 8	8 4	8 0	8 0	13 4	17 0	19 0	32 0	14 8	15 8	26 0
	Kaira	11 7	11 7	13 5	20 0	20 0	29 1	9 2	9 2	8 14	14 9	14 9	13 5	16 0	20 0	22 14	14 0	14 0	20 0
	Surat	13 6	13 6	13 10	5 6	5 6	7 7	7 7	7 7	6 13	8 5	8 5	8 5	15 9	15 9	18 13	11 13	11 13	17 13
	Broach	12 5	12 5	16 0	...	...	...	9 6½	10 10½	8 14½	12 9	12 13	11 6¾	15 4	15 4	17 12½	15 4	15 4	18 13
	Tanna (Salsette)	10 5	10 5	11 11	...	...	...	10 0	10 0	6 14	11 4	11 4	11 4	18 10	18 10	15 0	16 6	16 6	18 0
	Colába (Alibág)	10 0	10 0	12 0	...	...	...	7 8	7 8	6 12	15 8	16 0	13 8	...	...	...	...	...	...
	Khandesh (Dhulia)	14 9	16 5	20 5	...	...	...	7 4	7 4	7 4	10 15	10 15	12 12	24 10½	25 8	28 14	20 4	21 9½	25 3
	Násik	15 8	15 8	17 0	...	...	...	7 7	7 7	5 15	12 0	12 0	11 15	...	...	25 8	21 3	21 3	20 4
	Ahmednagar	14 4	14 10	18 15	...	...	...	9 11	9 11	8 8	13 6	13 9	10 8	26 4	27 6	34 8	23 4	23 1	27 4
	Poona	12 10	13 13	13 13	...	...	...	11 0	11 0	9 13	12 4	12 4	12 4	23 15	23 15	26 2	18 6	19 11	20 11
	Sholápur	13 2	15 3	18 2	...	...	...	11 6	10 15	13 2	12 1	11 5	14 7	32 12	32 5	36 4	23 6	26 3	31 4
	Kaládgi (Bagalkot)	21 0	21 0	19 0	15 0	15 0	15 0	8 8	7 0	8 12	9 12	9 8	10 0	33 0	33 0	32 0	31 0	31 0	36 0
	Satara	12 1	12 1	14 11	...	...	...	9 11	9 11	9 5	11 7	11 7	11 7	25 5	25 5	26 1	22 0	22 0	24 2
	Belgaum	19 0	19 0	18 0	11 8	11 8	11 8	10 8	10 8	11 8	11 8	11 8	12 0	25 0	25 9	27 8	24 0	25 5	31 0
	Dharwar (Hubli)	21 0	21 0	24 0	...	...	...	10 0	10 0	14 0	11 0	12 0	17 0	23 0	23 0	43 0	23 0	23 0	42 0
	Ratnágiri	10 9	11 3	11 3	...	...	...	8 9	10 0	9 4	14 2	16 15	14 2	20 13	20 13	20 13	14 11	19 10	15 14
	Kanara (Karwar)	12 8	12 8	13 0	...	...	...	8 0	8 0	8 0	13 0	13 0	16 0	18 0	18 0	21 13	18 0	18 0	19 7
	Pánch Mahals (Godhra)	11 6	12 5	13 5	...	...	...	11 6	11 6	11 6	15 0	15 0	16 0	26 10	26 10	50 0	16 0	16 0	32 0
	Aden	8 0	8 0	8 0	...	...	...	6 3	6 3	6 3	7 0	7 0	7 0	11 3	11 3	9 5	9 5	9 5	8 0
	Asirgarh	14 6	16 8	17 0	...	...	...	11 0	10 12	10 0	12 6	12 11	12 0	24 13	30 0	34 0	25 5	31 0	30 0
	Baroda	10 7	10 14	11 11	13 13⅝	14 5	22 14	8 12	8 9	8 7	11 10½	11 7	12 0	16 11½	16 0	22 14	14 9½	14 5	20 14
	Disa	13 1	13 11	15 12	...	...	...	6 6	6 6	6 6	8 11	8 11	8 6	18 8	19 0	25 4	17 8	18 0	22 0
	Nimach	13 0	15 7	19 4	16 8	19 0	25 8	8 8	8 8	5 8	10 0	10 0	8 0	17 0	18 0	28 0	18 0	19 0	21 0
	Nasirabad	16 15¼	17 0	17 13½	22 13	24 0	23 0	6 0	6 0	6 0	7 0	7 0	7 0	27 0	27 0	26 0	18 0	18 0	18 0
	Rajkot	12 0	12 0	17 12	...	...	...	6 0	6 0	5 8	11 0	11 0	11 12	14 4	14 12	27 12	12 4	12 12	23 8
	Upper Sindh Frontier	15 0	15 0	12 1	26 0	26 0	17 4¾	11 4	11 4	8 5	22 12	22 12	12 5	32 0	32 0	18 8¾	...	...	18 13
	Karachi	12 2	12 0	11 10	21 0	21 0	21 0	10 0	10 0	9 0	15 0	15 0	12 0	23 0	23 0	20 0	18 8	18 8	18 0
	Haidarabad (Nakur)	17 0	17 0	13 0	20 0	20 0	20 0	12 0	12 0	10 0	20 0	18 0	14 0	26 0	24 0	20 0	25 0	23 0	20 0
	Shikarpur	13 5	13 2½	12 8½	26 9	26 9½	20 0	12 4	12 4½	10 0	16 0	17 4	16 0	26 10	24 10½	16 14	26 10	26 10	18 12½
	Thar and Parkar (Umarkot)	17 9	18 0	16 8	...	...	...	...	...	...	14 0	14 0	10 4	...	...	...	19 0	20 6	16 0
	Western Districts																		
Bengal	Burdwan	13 12*a*	16 0	15 12	21 0	21 0	30 0	27 0	26 4	30 0	31 4	30 0	32 0	...	...	...	...	...	...
	Bancoorah	13 8*b*	15 8	17 8	14 0	17 8	19 0	25 0	28 0	24 8	40 0	30 0	32 0	...	...	...	...	...	...
	Beerbhoom	15 0*c*	16 0	18 0	...	...	...	23 0	21 0	22 8	31 0	27 8	29 0	...	...	...	...	...	...
	Midnapore	16 0*d*	14 8	15 0	...	...	...	23 0	20 0	27 0	33 0	28 0	33 0	...	...	...	...	...	...
	Hooghly	18 0*e*	17 0	17 0	...	...	...	10 0	10 0	10 0	20 0	19 0	20 0	...	...	...	...	...	...
	Howrah	13 4	13 0	15 8	...	...	...	16 8	16 0	16 0	21 0	21 8	21 4	...	...	...	...	...	...

a In the sub-divisions retail prices of salt are as follows:—Culna 15 seers, Cutwa 13 seers, and Raneegunge 14 seers.
b In the interior retail prices of salt range from 12-8 to 16 seers.
c In the interior retail prices of salt range from 12 to 16 seers.

* Not received.

INDIA.

NCE AND COMMERCE.

NDIA FOR THE 2nd HALF OF MAY 1882.

SEERS OF 80 TOLAHS.

Inferior Millets (Kodo, Kavaru, Veragu, Sawee, Cheena, Coraloo, Murua, Nuglee), Panicum Miliaceum, &c.			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.			Districts.	Provinces.
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
5 3	35 3	32 3	23 5	26 10	46 10	215 13	215 13	215 13	...	...	...	13 13	13 13	11 14	Ganjam	Madras.
5 3	26 5	32 5	24 10	25 11	36 3	93 5	93 5	87 8	15 3	15 3	11 11	14 0	14 0	10 8	Vizagapatam	
4 10	36 6	36 6	27 5	28 5	42 0	194 6	194 6	160 6	14 10	14 10	12 8	14 10	14 10	12 8	Godavery	
5 5	34 8	37 11	27 6	26 8	28 8	145 13	145 13	145 13	16 5	15 6	13 2	15 11	15 3	12 13	Kistna	
6 6	36 6	33 14	28 5	28 5	26 3	93 5	93 5	93 5	14 13	14 13	13 3	14 13	14 13	12 11	Nellore	
1 8	30 0	33 0	33 8	33 8	35 5	194 6	194 6	194 6	16 10	14 6	14 6	16 3	13 14	13 14	Cuddapah	
1 0	33 0	36 14	35 13	37 8	40 5	...	...	...	14 5	14 5	11 14	14 5	14 5	11 14	Anantapur	
1 0	31 0	38 13	28 0	26 14	38 2	97 3	97 3	97 3	15 8	14 10	13 6	14 14	14 5	13 2	Bellary	
...	...	...	27 0	30 0	31 8	202 3	194 6	201 11	14 6	14 6	12 8	14 0	14 0	12 2	Kurnool	
9 6	28 13	26 0	27 5	27 5	30 6	81 6	81 6	81 6	16 8	16 8	14 6	16 0	16 0	13 14	Madras	
8 13	28 13	26 11	25 0	25 0	28 14	92 5	92 5	77 13	16 5	16 5	14 5	15 14	15 14	13 14	Chingleput	
4 3	34 3	33 5	29 8	31 8	37 6	140 0	140 0	140 0	15 6	14 5	12 11	14 13	14 5	12 5	North Arcot	
9 13	30 3	29 6	33 13	35 11	30 3	201 11	201 11	201 11	19 5	19 5	15 5	18 14	18 14	14 13	South Arcot	
9 5	39 5	33 10	32 6	33 3	31 8	194 6	194 6	194 6	15 10	15 10	13 5	15 10	15 3	13 2	Tanjore	
2 11	34 2	30 2	35 6	38 8	32 5	97 3	97 3	97 3	17 0	17 0	12 14	16 3	16 3	12 2	Trichinopoly	
2 8	28 11	32 8	42 11	42 11	35 10	145 13	140 14	145 13	17 8	16 2	13 8	17 5	15 14	13 2	Madura	
...	...	...	29 6	29 6	27 2	81 10	81 10	76 13	18 11	18 11	14 13	18 5	18 5	14 5	Tinnevelly	
9 8	29 8	34 6	30 6	36 2	47 8	131 3	131 3	131 3	15 2	15 2	12 3	14 10	14 10	11 11	Coimbatore	
...*	20 3	21 10	...*	21 10	27 6	...*	121 8	121 8	...*	11 0	9 3	...*	11 0	9 3	Nilgiris	
13	31 10	30 13	39 6	39 6	39 6	151 10	151 10	151 10	16 6	15 6	14 5	15 6	14 5	13 5	Salem	
6	19 6	20 3	21 3	21 3	23 3	116 10	116 10	109 5	15 3	15 3	12 6	14 3	14 3	11 5	South Canara	
6	23 6	23 6	26 0	26 14	31 0	121 8	121 8	121 8	14 6	14 6	10 13	13 8	13 14	9 14	Malabar	
1	24 3	14 1	16 9	16 14	18 12	61 7	61 7	61 6	14 5	14 5	12 9	14 5	14 5	12 9	Bombay	Bombay.
...	...	...	20 0	22 8	24 0	80 0	80 0	80 0	16 8	16 8	13 8	16 0	16 0	13 4	Ahmedabad	
...	...	...	20 0	20 0	22 14	80 0	80 0	80 0	...	...	...	16 0	16 0	12 13	Kaira	
...	...	...	14 14	14 14	17 13	80 0	80 0	80 0	13 10	13 10	11 7	13 10	13 10	11 7	Surat	
...	...	...	16 0	15 4	20 0	106 0	106 0	106 0	15 4	15 4	12 12¾	15 4	15 4	12 12¾	Broach	
8 0	28 0	15 4	14 1	14 1	15 10	71 1	71 1	71 1	14 5	14 5	10 2	13 4	13 4	10 2	Tanna (Salsette)	
...	...	...	14 0	14 0	15 12	120 0	120 0	110 0	15 0	15 0	13 0	14 0	14 0	12 8	Colába (Alibág)	
...	...	...	15 14	17 15½	28 12	140 0	140 0	140 0	15 6	15 2	13 2	15 4	15 8	13 0	Khandesh (Dhulia)	
30 0	30 0	27 4	18 0	19 8	24 8	128 0	128 0	115 0	14 6	14 6	13 0	14 2	14 2	12 14	Násik	
...	...	...	20 9	20 11	26 8	91 5	91 5	106 4	15 2	15 0	12 12½	15 0	14 14	12 10	Ahmednagar	
...	...	...	18 6	18 6	20 11	76 0	76 0	76 0	13 10	14 11	12 8	13 6	14 7	12 4	Poona	
...	...	...	21 14	23 12	29 10	98 0	98 0	91 6	13 12	13 12	11 8	13 8	13 8	11 4	Sholápur	
...	...	...	16 0	16 0	18 0	110 0	110 0	112 0	12 0	12 0	11 0	11 0	11 0	10 0	Kaládgi (Bagalkot)	
...	...	...	15 10	15 10	16 14	137 1	137 1	137 15	13 13	13 13	13 1	13 2	13 2	11 10	Satara	
35 0	35 0	35 0	16 8	16 8	19 0	80 0	80 0	65 0	13 0	13 0	12 8	12 8	12 8	12 0	Belgaum	
28 0	28 0	49 0	13 0	14 0	21 0	80 0	80 0	80 0	9 8	8 12	8 12	9 0	8 0	8 0	Dharwar (Hubli)	
21 2	23 8	18 13	14 0	15 6	16 13	150 0	150 0	165 0	11 13	14 6	11 0	11 10	14 4	11 0	Ratnágiri	
22 0	22 0	23 7	13 0	13 0	14 1	213 5	213 5	213 5	13 4	13 4	10 13	12 8	12 8	10 5	Kanara (Karwar)	
23 0	23 0	50 0	26 10	26 10	32 0	200 0	200 0	200 0	16 0	16 0	...	15 4	15 4	11 6	Páuch Maháls (Godhra)	
...	...	...	9 5	9 5	9 5	65 5	65 5	65 5	...	...	...	32 0	12 0	32 0	Aden	
...	...	...	20 2	22 4	28 15	160 0	160 0	160 0	12 14	13 0	10 0	12 14	13 0	10 0	Asirgarh	
...	...	...	16 14¼	16 9	20 0	93 2	85 0	86 0	15 6	14 5	12 9	15 2¼	14 5	12 9	Baroda	
...	...	...	18 8	18 8	20 4	137 8	137 8	137 8	13 8	13 8	9 0	13 0	13 0	8 0	Disa	
...	...	...	17 8	17 5	23 12	160 0	160 0	160 0	...	...	...	11 0	11 0	9 0	Nimach	
...	...	...	23 3	24 10	23 12½	86 9	90 0	90 0	†16 6¾	†16 6¾	...	†16 0	†16 0	†13 0	Nasirabad	
...	...	...	15 12	16 4	27 4	80 0	80 0	85 0	‡55 0	‡55 0	‡50 0	‡48 0	‡48 0	...	Rájkot	
40 0	40 0	...	22 0	22 0	17 4¾	160 0	160 0	160 0	§12 4¾	§12 4¾	§10 0	§12 4	§12 4	§8 14	Upper Sindh Frontier	
13 0	13 0	9 8	17 0	18 8	21 0	105 0	105 0	105 0	17 13	17 13	14 3	17 0	17 0	14 0	Karachi	
...	...	...	16 0	10 0	11 0	480 0	480 0	320 0	14 0	14 0	10 0	14 0	14 0	10 0	Haidarabad (Nakar)	
...	...	...	19 1	20 4	20 0	285 0	280 0	250 0	13 2	13 5	11 6	13 0	13 2½	11 4	Shikarpur	
...	...	...	...	...	...	160 0	160 0	160 0	10 11	10 11	9 10	10 11	10 11	9 10	Thar and Parkar (Umarkot)	
									Prices per md. of 40 seers.						*Western Districts.*	Bengal.
									Rs. A. P.	Rs. A. P.	Rs. A. P.					
...	...	...	24 0	25 0	25 0	120 0	120 0	120 0	2 12 0	2 11 0	...	13 12	13 8	10 0	Burdwan	
...	...	...	21 0	22 0	20 0	320 0	320 0	320 0	3 2 0	3 2 0	...	...	13 0	9 0	Bancoorah	
...	...	...	25 0	25 0	19 0	200 0	200 0	180 0	3 3 6	3 3 6	...	12 0	12 0	9 0	Beerbhoom	
...	...	...	20 0	19 0	18 0	160 0	160 0	160 0	3 0 0	3 0 0	...	13 8	13 0	9 0	Midnapore	
...	...	...	21 0	21 0	20 0	120 0	100 0	120 0	2 14 0	2 12 0	...	13 0	13 0	9 0	Hooghly	
...	...	...	22 8	22 8	21 0	80 0	80 0	80 0	2 14 0	2 14 0	4 0 0	13 0	13 0	...	Howrah	

d In the sub-divisions retail prices of salt are as follow:—Contai 12 seers, Tumlook 12-12 seers, and Ghatal 14-12 seers.
e In the sub-divisions retail prices of salt are as follow:—Serampur 13 seers and Jehanabad 13-8 seers.

† Sambhur. Common. § In common use.

PRICES CURRENT OF FOOD-GRAINS THROUGHOU

QUANTITIES PER RUP

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. C
Bengal—*continued.*	*Central Districts.*																		
	Calcutta	14 9	14 9	16 6	26 10	26 10	32 0	10 0	10 0	7 4	20 0	20 0	18 13	29 0	32 0	26 10	...	...	...
	24-Pergunnahs	12 4*f*	13 5	16 0	24 0	24 8	29 0	10 8	10 8	10 0	17 8	18 0	21 4	16 0	20 0	...	...	...	...
	Nuddea	15 4*g*	16 0	16 13	29 0	32 0	32 0	18 13	20 0	17 4	21 5½	22 0	22 14	...	...	...	...	...	...
	Jessore	16 0*h*	19 0	17 0	...	...	...	20 0	22 0	21 8	27 0	28 0	29 0	...	...	...	...	...	...
	Moorshedabad	18 0*i*	16 0	22 0	...	...	...	17 0	17 0	19 0	24 0	24 0	26 0	...	...	...	...	...	...
	Dinagepore	13 0*j*	14 8	17 0	16 0	17 12	26 8	24 0	26 8	25 8	28 0	30 0	32 0	...	...	...	...	...	...
	Rajshahye	15 0*k* to 17 4	15 0 to 17 4	22 8	48 12	48 12	48 12	18 12 to 20 0	16 0 to 18 12	19 11	21 9 to 24 6	21 0 to 24 0	25 5	...	...	...	...	...	...
	Rungpore	15 0*l*	15 0	18 0	...	...	...	16 0	16 0	15 0	22 8	25 14	22 8	...	...	...	...	...	...
	Bogra	15 12	18 12	18 0	...	...	...	15 12	15 12	24 0	28 2	28 2	33 12	...	...	...	...	...	...
	Pubna	20 0*m*	19 8	22 8	...	...	...	10 0	10 0	12 0	26 4	25 0	32 8	...	...	...	...	...	...
	Darjeeling	8 0	8 0	8 0	8 0	8 0	8 0	6 0	6 0	5 0	14 0	14 0	13 0	...	...	...	...	...	...
	Jalpáiguri	9 0*n*	9 0	10 0	20 0	20 0	...	16 0	16 0	16 0	24 0	24 0	22 8	...	...	...	...	...	...
	Eastern Districts.																		
	Dacca	16 0*o*	16 0	14 4	40 0	40 0	35 8	25 0	22 8	22 0	32 0	26 0	26 0	...	...	...	...	...	...
	Furreedpore	22 0*p*	22 0	20 0	37 0	30 0	30 0	21 0	22 0	7 0	23 0	26 0	26 0	...	...	...	...	...	...
	Backergunge	... *q*	...	...	...	...	...	22 0	24 0	21 0	26 0	29 0	32 0	...	...	...	...	...	...
	Mymensingh	11 8*r*	11 8	11 8	...	...	...	22 8	22 8	24 0	30 0	29 0	28 0	...	...	...	...	...	...
	Tipperah	13 0*s*	13 4	13 4	...	...	...	22 0	22 0	24 0	29 0	29 0	35 0	...	...	...	...	...	...
	Chittagong	9 0*t*	9 0	12 4	...	...	...	13 4	16 0	20 0	22 8	22 0	26 0	...	...	...	...	...	...
	Noakholly	... *u*	...	...	...	...	...	27 0	27 0	26 0	31 0	31 0	30 0	...	...	...	...	...	...
	Chittagong Hill Tracts	...	...	...	...	...	...	14 8	14 8	16 0	17 12	17 12	17 3	...	...	...	...	...	...
	Hill Tipperah	10 0	10 0	10 0	...	...	...	26 0	26 0	32 0	34 0	37 0	36 0	...	...	...	...	...	...
	Behar.																		
	Patna	18 0	18 0	22 0	40 0	40 0	40 0	12 0	12 0	15 0	21 0	22 0	22 0	...	...	...	...	...	...
	Gya	18 0*v*	20 0	22 0	27 0	28 0	39 0	12 0	12 0	13 8	21 0	22 0	22 0	...	...	...	...	...	...
	Shahabad	17 0*w* to 19 0	17 0 to 18 0	21 0 to 22 0	30 0	33 0	37 0	20 0 to 21 0	19 0 to 20 0	21 0	22 0	22 0	22 0 to 23 0	...	...	...	...	...	...
	Durbhunga	18 0*x*	15 0	21 8	35 0	35 0	45 0	14 0	13 0	15 0	17 0	17 0	22 0	...	...	...	...	...	...
	Mozufferpore	18 0*y*	20 0	24 0	30 0	32 0	40 0	12 0	12 0	11 0	17 0	18 0	21 0	...	...	...	...	...	...
	Sarun	16 8	16 8	19 0	32 0	31 0	42 0	10 0	10 0	10 8	22 0	21 0	22 0	35 0	33 0	45 0	...	...	...
	Chumparun	18 0*z*	19 0	21 0	45 0	45 0	45 0	12 0	12 0	14 0	20 12	31 0	21 0	...	...	...	...	...	...
	Monghyr	18 14*z*1	20 0	23 1	31 8	36 12	45 3	16 12	15 12	16 12	19 15	20 0	18 14	...	...	...	...	...	...
	Bhágalpur	15 2*z*2	16 6	17 11	25 5	37 14	44 7	20 3	18 15	17 11	22 11	24 0	20 3	...	...	...	...	...	...
	Purneah	18 0*z*3	18 0	26 0	...	...	40 0	22 0	22 0	23 0	23 0	28 0	30 0	...	...	...	...	...	...
	Maldah	17 8	19 0	23 0	...	...	...	17 0	18 0	18 0	23 0	25 0	28 0	...	...	...	...	...	...
	Sonthal Pergunnahs	14 0*z*4	14 0	16 0	...	...	...	22 0	22 0	25 0	27 0	27 0	27 8	...	...	...	...	...	...
	Orissa.																		
	Cuttack	14 7	15 12	25 5	...	...	...	15 12	15 12	15 12	26 4	26 4	21 0	...	...	...	...	...	...
	Pooree	13 0*z*5	13 0	18 6	...	...	...	21 0	24 0	21 0	25 0	30 0	27 0	...	...	...	...	...	...
	Balasore	16 0*z*6	16 0	16 0	...	...	...	26 0	26 0	32 0	32 0	32 0	40 0	...	...	...	...	...	...
	Chota Nagpore—South-Western Frontier Agency.																		
	Hazáribágh	16 0*z*7	15 8	21 0	24 0	27 0	32 0	12 0	12 0	12 0	21 0	21 0	22 0	...	...	...	...	...	...
	Lohardugga	19 0*z*8	20 0	22 0	30 0	28 0	32 0	23 0	22 0	22 0	27 0	26 0	24 0	...	...	...	...	...	...
	Singbhoom	22 0	24 0	24 0	32 0	32 0	40 0	36 0	36 0	32 0	40 0	40 0	36 0	...	...	...	...	...	...
	Manbhoom	13 0*z*9	13 8	18 0	...	...	40 0	18 0	20 0	21 0	33 0	36 0	33 0	...	...	45 0	...	...	...

f In the sub-divisions retail prices of salt are as follow :—Baraset 13 seers, Bussirhat 13 seers, Satkhira, 10-10 seers, Diamond Harbour 10-8 seers, Barripore 10 seers, Barrackpore 12-12 seers and Dum Dum 12 seers.
g In the sub-divisions retail prices of salt are as follow :—Kooshtea 13 seers, Meherpore 12 seers, Chooadanga 12 seers, Ranaghat 14-8 seers, and Bongong 13-5 seers.
h In the sub-divisions retail prices of salt are as follow :—Jhenida 12 seers, Magoora 12 seers, Narail 12 seers Khoolna 11-10 seers, and Bagirhat 11 seers.
i In the sub-divisions retail prices of salt are as follow :—Lalbagh 10 seers, Jungypore 11-6 seers, and Kandi 11-8 seers.
j Retail price of salt at Raigunge 10-4 seers and at Nitpore 10 seers.
k In Nattore retail price of salt is 12 seers.
l In the sub-divisions retail prices of salt are as follows :—Kurigram 12 seers, Gaibanda 12 seers, and Bagdogra 12 seers.
m In Serajgunge retail price of salt is 13-12 seers.
n Retail price of salt at Fallacotta in Alipore sub-division is 10 seers.
o Retail price of salt at Manickgunge 12 seers, Moonsheegunge 10-10½ seers, Roopgunge 10-8 seers, Jaffergunge 10 seers, and Naraingunge 13-8 seers.
p In the sub-divisions retail prices of salt are as follow :—Goalundo 13 seers, Madaripore 13 seers, and Bhanga 15 seers.
q In the sub-divisions retail prices of salt are as follow :—Patuakhali 10-10 seers, Ferozepore 11 seers, and Bhola 10 seers.
r In the sub-divisions retail prices of salt are as follow :—Kishoregunge 13-5 seers, Attea 12 seers, and Jamalpore 11 seers.
s In the sub-divisions retail prices of salt are as follow :—Brahmunbariah 12-8 seers, Chandpore 13 seers.
t Retail price of salt at Hathazaree 12 seers, and Cox Bazar 10 seers.

DIA FOR THE 2nd HALF OF MAY 1882—*continued.*

SEERS OF 80 TOLAHS.

...er Millets, Ragi, &c. ...avaru, Veragu, Sawee, ...eena, Coraloo, Murh-..., Nagieel, *Ponicum miliaceum, &c.*			Gram.			Firewood.			Salt. Wholesale prices per maund of 40 seers.			Salt. Retail.			Districts.	Provinces.
Past fortnight.		Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	S. Ch	S. Ch.	S. Ch		
															Central Districts.	
..	...	...	22 14	24 10	22 13	90 0	90 0	90 0	2 10 0	2 10 0	...	13 8	13 8	10 0	Calcutta	Bengal—*continued.*
..	...	...	20 0	20 0	21 4	90 0	90 0	90 0	2 12 0	3 0 0	4 4 0	14 8	13 5	9 8	24-Pergunnahs	
..	...	...	22 14	26 0	26 10¾	...	...	...	2 14 1	3 0 0	...	12 13¼	12 13¼	9 11¼	Nuddea	
..	...	...	22 0	22 0	20 0	110 0	110 0	110 0	3 2 0	3 2 0	...	11 8	11 8	8 0	Jessore	
..	...	...	32 0	32 0	32 0	120 0	120 0	120 0	3 5 0	3 5 0	...	10 8	10 8	9 0 to 10 0	Moorshedabad	
..	...	...	17 0	17 12	19 8	160 0	160 0	160 0	3 4 0	3 4 0	...	12 0	12 0	8 0	Dinagepore	
..	...	...	22 8 to 24 6	26 4 to 28 2	24 0	240 0	240 0	240 0	3 5 3	3 5 0	...	12 0	12 0	9 0	Rajshahye	
..	...	...	15 0	15 0	12 0	135 0	135 0	120 0	3 5 0	3 5 0	...	11 8	11 8	8 12	Rungpore	
..	...	...	15 0	15 12	12 0	67 8	59 0	67 8	3 4 0	3 4 0	...	12 0	10 8	8 4	Bogra	
..	...	...	21 4	22 0	19 8	200 0	200 0	200 0	3 0 0	3 0 0	...	13 5	13 5	9 6	Pubna	
0	8 0	9 0	10 0	10 0	8 0	160 0	160 0	160 0	4 8 0	5 0 0	...	8 0	8 0	5 0	Darjeeling	
..	...	...	16 0	16 0	13 5	128 0	128 0	64 0	3 4 0	3 4 0	...	11 0	11 0	8 0	Jalpáiguri	
															Eastern Districts.	
..	...	...	25 0	25 0	21 0	91 4	91 4	106 0	2 15 0	2 15 0	...	13 5	13 5	10 0	Dacca	
..	...	...	10 0	16 0	11 0	..	...	...	3 1 3	3 5 4	...	12 0	11 0	10 0	Furreedpore	
..	...	...	21 0	21 0	18 0	100 0	100 0	100 0	3 11 0	3 11 0	...	10 9	10 9	8 12	Backergunge	
..	...	...	16 0	16 0	18 8	...	...	...	3 2 0	3 2 0	...	12 12	12 8	9 0	Mymensingh	
..	...	...	18 8	20 0	18 0	...	...	...	3 2 0	3 6 0	...	12 12	11 0	9 8	Tipperah	
..	..	...	16 0	16 0	16 0	80 0	80 0	80 0	2 11 0	2 11 0	3 14 0	13 0	13 0	7 0	Chittagong	
..	...	...	15 0	15 0	16 0	...	...	...	3 8 0	4 4 0	...	10 0	9 0	8 0	Noakholly	
..	...	...	...	...	...	320 0	320 0	320 0	3 8 0	3 10 0	...	10 0	10 0	6 0	Chittagong Hill Tracts	
..	...	...	13 0	13 0	10 8	...	...	...	4 0 0	4 0 0	...	10 0	10 0	8 0	Hill Tipperah	
															Behar.	
..	...	...	34 0	36 0	35 0	130 0	130 0	120 0	3 3 0	3 0 0	...	10 8	11 0	...	Patna	
..	...	...	28 0	27 0	32 0	160 0	160 0	180 0	3 4 0	3 6 0	...	12 0	12 0	9 0	Gya	
..	...	...	32 0	32 0	33 0	120 0	120 0	140 0	3 2 0	3 1 0	...	12 0	12 0	9 8	Shahabad	
0	40 0	30 0	27 0	27 8	26 0	160 0	160 0	180 0	3 8 0	3 4 0	...	11 14	11 0	9 0	Durbhunga	
..	...	...	29 0	30 0	32 8	140 0	140 0	140 0	3 4 0	3 5 0	...	12 0	12 0	8 8	Mozufferpore	
0	32 0	32 0	31 0	31 0	31 0	160 0	160 0	160 0	3 6 0	3 5 0	...	11 8	11 8	9 0	Sarun	
..	...	...	28 0	30 0	38 0	...	...	...	3 7 0	...	...	11 0	11 0	8 0	Chumparun	
..	...	...	35 10	36 12	34 10	126 0	126 0	126 0	3 1 0	3 2 0	...	12 14	12 0	8 6	Monghyr	
..	...	...	31 3	32 3	31 9	138 5	138 14	139 0	2 15 0	2 15 0	...	12 10	12 10	9 6	Bhágalpur	
..	...	...	24 0	24 0	25 0	160 0	160 0	120 0	4 0 0	3 12 0	...	10 0	11 0	8 0	Purneah	
..	...	...	28 0	27 8	27 0	120 0	120 0	120 0	3 0 0	3 8 0	...	12 0	10 0	9 0	Maldah	
..	...	...	22 0	22 0	22 0	200 0	200 0	200 0	3 12 0	3 12 0	...	10 0	10 0	8 0	Sonthal Pergunnahs	
															Orissa.	
12	15 12	19 11	22 5	23 10	24 15	160 0	160 0	160 0	3 0 0	3 0 0	3 8 0	13 0	13 0	11 0	Cuttack	
..	...	...	14 0	17 8	19 0	100 0	102 0	100 0	3 2 0	3 6 0	4 6 0	13 0	11 0	9 3	Pooree	
..	...	...	16 0	16 0	13 5	160 0	160 0	146 0	3 2 0	3 2 0	4 6 0	13 0	13 0	9 4	Balasore	
															Chota Nagpore—South-Western Frontier Agency.	
0	36 0	48 0	21 0	21 0	22 0	240 0	240 0	200 0	3 7 3	3 7 3	...	11 0	11 0	8 0	Hazáribágh	
0	36 0	48 0	20 0	20 0	24 0	140 0	140 0	160 0	4 0 0	4 0 0	...	9 0	9 0	7 8	Lohardugga	
..	...	...	24 0	24 0	24 0	180 0	180 0	160 0	4 7 0	4 6 9	...	8 0	8 0	7 0	Singbhoom	
..	...	64 0	18 0	20 0	20 0	140 0	140 0	140 0	3 10 0	3 8 0	...	11 0	12 0	8 8	Manbhoom	

u In the interior retail price of salt ranges from 8 to 11 seers.
v In the sub-divisions retail prices of salt are as follow :—Nowada 9 seers, Jehanabad 12 seers, and Aurungabad 11-8 seers.
w In the sub-divisions retail prices of salt are as follow :—Bhaboeah 10-8 seers, Sasseram 11-8 seers, and Buxar 11 seers.
x In the sub-divisions retail prices of salt are as follow :—Madhubani 11-4 seers and Tajpore 11 seers.
y In the interior retail prices of salt range from 7 to 13 seers.
z In the interior retail price of salt ranges from 9 to 12-8 seers.
z1 In the sub-divisions retail prices of salt are as follow :—Beguserai 12-5 seers and Jamui 12-4 seers.
z2 In the sub-divisions retail prices of salt are as follow :—Banka 11 seers, Mudehpoora 11-8 seers, and Soopole 11 seers.
z3 Retail price of salt at Kusba 13 seers, at Kishengunge 10 seers, and at Ranigunge in Arrareah sub-division 9 seers.
z4 Retail price of salt in Godda 10 seers and in Sarowhi 10 seers.
z5 In Khurda retail price of salt is 13 seers.
z6 In Bhadrak retail price of salt is 10 seers.
z7 Retail price of salt in Chatra 11 seers and in Kharagdiha 12 seers.
z8 Retail price of salt at Daltongunge 9 seers and at Lohardugga 9 seers.
z9 In the interior retail prices of salt range from 11 to 13 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOU

QUANTITIES PER RUP

Provinces.	Districts	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra *Penicillaria Spica*). Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fort-
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. C
Assam.	Sylhet	13 0	13 0	13 0	...	...	...	17 0	17 0	16 0	35 0	35 0	24 8	...	...	...	...	...	
	Cachar	10 10	10 10	10 10	12 13	17 12	16 0	16 0	26 10	19 0	21 5	30 8	22 12	...	...	...	...	...	
	Goálpárá	26 11	32 0	20 0	...	...	...	13 5	13 5	16 0	20 0	20 0	20 0	...	...	...	...	...	
	Gáro Hills	4 0	4 0	4 0	...	...	...	5 0	5 0	5 0	18 0	18 0	18 0	...	...	...	...	...	
	Kámrúp	20 0	13 4	14 0	...	...	...	13 0	14 8	18 0	18 0	18 0	22 0	...	...	...	...	...	
	Darrang	...	...	6 0	...	...	...	10 0	8 0	8 0	16 0	16 0	12 8	...	...	...	...	...	
	Nowgong	...	...	...	...	...	...	13 8	13 8	10 0	16 0	16 0	16 0	...	...	...	...	...	
	Sibságar	...	...	...	...	...	...	6 8	6 8	8 0	18 0	16 0	12 0	...	...	...	...	...	
	Lakhimpur	8 0	8 0	8 0	10 0	10 0	...	7 0	7 0	6 0	16 0	16 0	16 0	...	...	...	...	...	
	Khásí & Jaintiá Hills	...	...	8 0	...	...	...	9 0	9 0	9 0	10 0	10 0	10 0	...	...	...	...	...	
	Nága Hills	...	...	...	...	...	...	5 0	5 0	4 0	8 0	8 0	...	...	...	...	...	...	
N. W. Provinces.	Dehra Dún	19 0	19 8	19 0	30 0	31 0	32 0	11 0	11 0	11 0	12 8	12 8	12 8	24 0	24 0	20 0	20 0	20 0	16
	Saháranpur	20 15½	20 15½	19 6½	30 2	30 2	28 0	10 12	10 12	8 10	12 14	12 14	11 14	25 13	25 13	21 9	26 13	26 13	19
	Muzaffarnagar	19 0	19 4	21 8	30 12	33 0	30 12	6 9	6 9	6 9	14 5	14 5	13 4	25 6	23 11	25 6	22 0	28 11	19
	Meerut	18 0	18 8	21 8	25 0	25 0	29 0	6 0	6 0	5 8	16 0	16 0	14 0	25 0	27 0	20 0	22 0	22 0	16
	Bulandshahr	18 4	19 12	22 8	22 8	25 12	28 0	6 0	6 0	6 0	10 10	10 11	12 5	24 0	25 0	21 8	21 0	22 0	20
	Aligarh	No ret	urn rec	eived	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Kumaun	15 0	15 0	13 8	20 0	20 0	16 0	10 0	10 0	8 0	13 0	13 0	11 8	...	...	...	...	...	
	Garhwál	22 0	22 0	20 0	28 0	28 0	20 0	10 0	10 0	8 0	16 0	16 0	11 8	...	...	...	...	...*	
	Bijnor	17 2	18 0	20 4	25 5	27 2	28 11	11 4	11 8	11 4	12 15	13 8	13 8	24 12	24 12	18 0	20 4	20 4	16
	Moradabad	18 11	19 6	21 4	25 10	26 14	28 12	9 6	8 2	7 13	14 6	14 6	13 12	25 10	27 8	23 12	19 6	21 4	16
	Budaun	17 9½	19 14	21 14	21 9½	27 0	29 6	9 9½	9 9	6 0	15 2	15 13	13 12½	...	...	...	...	...	
	Bareilly	17 8	19 1	20 0	25 0	25 10	28 12	8 2	8 2	7 8	15 0	15 0	14 6	22 8	23 12	25 0	16 14	17 8	22
	Sháhjahánpur	19 4	20 14	22 4	26 0	27 12	30 0	9 4	9 4	7 8	16 8	16 0	14 8	...	...	...	...	...	
	Taráí Pergunnahs	20 0	21 12	22 0	31 4	35 0	35 0	10 0	10 0	8 12	13 12	15 0	14 0	...	...	25 0	...	...	25
	Muttra	16 12	18 8	18 12	21 8	22 8	23 8	...	...	7 8	15 0	15 0	15 0	23 0	24 0	21 0	18 0	20 0	19
	Agra	17 0	17 4	18 8	21 8	22 0	22 8	6 8	6 0	6 0	14 0	14 0	13 8	22 0	23 0	23 0	20 0	20 0	21
	Farukhabad	17 12	19 2	20 7	23 1	25 9½	27 11	8 3	8 3	6 3½	14 6½	15 4	14 4	23 8½	23 13½	...	...	...	21
	Mainpuri	18 0	20 0	19 0	21 0	25 0	24 4	5 0	5 0	4 0	11 0	11 0	12 4	...	...	...	...	...	
	Etáwah	17 8	19 0	18 12	22 8	24 8	19 12	6 0	6 0	6 0	14 8	14 8	14 13	22 8	22 8	23 0	20 0	20 0	23
	Etah	No ret	urn rec	eived	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Jalaun	19 0	22 0	20 0	20 0	22 0	24 0	10 0	10 0	8 0	13 0	13 0	12 0	30 0	30 0	24 0	25 0	26 0	20
	Jhánsi	21 14½	23 10½	22 8	33 10	35 0	31 0	8 8	9 8	7 8	15 0	15 0	13 0	29 0	29 5	27 10	...	...	
	Lalitpur	24 8	25 0	26 8	39 0	39 0	34 0	10 0	10 0	9 0	13 0	13 0	11 0	35 0	35 0	33 0	30 0	30 0	26
	Cawnpore	18 4	19 12	21 0	26 8	28 0	26 0	11 0	11 0	10 8	16 0	16 0	15 0	28 0	30 0	27 0	26 0	26 8	26
	Fatehpur	16 10	18 8	17 12	22 0	26 4	21 8	10 12	10 5	9 8	17 0	17 0	13 4	...	...	...	...	...	
	Bánda	19 0	21 4	19 0	23 0	28 0	24 0	9 0	9 0	9 0	15 0	15 8	15 8	32 0	35 0	25 0	33 0	33 0	25
	Allahabad	18 0	19 0	18 0	25 8	28 0	24 12	13 0	12 0	11 0	18 0	18 0	16 8	30 8	32 0	25 0	29 0	30 0	25
	Hamírpur	18 0	20 0	19 6	21 4	...	22 8	11 0	12 0	10 0	...	...	13 8	26 0	30 0	21 15	...	...	
	Jaunpur	19 12	20 14	21 14	31 12	33 2	31 1	8 7	8 7	7 12	14 2	14 2	15 8	...	...	...	22 9	22 9	19
	Gorakhpur	19 13	20 13	22 8	36 0	36 0	46 12¾	16 3	16 3	17 1½	21 4	21 9½	21 9½	...	...	...	...	...	43
	Basti	No ret	urn rec	eived	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Azamgarh	20 10	19 15	22 2	32 14	31 0	31 0	8 14	8 14	8 2	18 7	17 11	17 11	...	41 4	...	29 10	...	
	Mirzapur	17 8	17 0	18 0	26 0	26 0	28 0	10 0	10 0	9 0	18 0	18 0	16 0	28 0	28 0	30 0	26 0	26 0	28
	Benares	16 13	17 5½	19 8	26 13	27 13½	26 9	12 3	12 7	13 9	18 11½	18 11½	19 8	28 11½	28 11½	28 12	27 10	27 10	28
	Gházipur	19 5	19 5	21 14	28 5	28 5	32 13	10 15½	10 15½	10 15	20 15½	20 15½	18 0	36 1	36 1	38 10	27 0½	27 0½	29
	Balia	17 8	17 0	22 8	28 12	28 12	38 12	10 0	10 0	10 0	15 0	15 0	22 8	...	...	...	...	...	
	Pilibhít	20 12	22 2	20 0	30 0	34 4	33 12	15 0	15 8	15 0	17 8	17 0	17 8	...	...	...	...	...	
Oudh.	Lucknow	17 15	18 11	20 5½	27 2	28 1½	27 12	6 0	6 0	6 0	14 10½	14 10½	14 0	27 3	27 8	27 12	24 12	25 5	23
	Unáo	18 0	19 8	20 1	24 0	28 0	25 0	10 0	12 0	7 3	15 0	16 0	14 0	...	...	26 0	...	...	22
	Bára Banki	18 4	19 0	20 8	26 0	28 0	28 0	10 0	9 0	8 0	18 0	18 0	14 0	32 0	32 0	30 0	26 0	22 0	18
	Sitapur	20 10	22 4	23 12	30 8	33 4	30 12	8 0	8 0	8 8	19 0	19 0	15 0	21 5½	22 0	...	20 5½	21 0	21
	Hardui	17 13	18 5	20 5	25 5	26 12	33 12	8 7	7 13	5 10	13 2	13 2	13 2	...	21 9	...	...	22 8	
	Kheri	21 4	21 0	22 0	30 0	28 0	34 0	7 0	7 4	7 0	15 0	15 0	14 0	34 0	32 0	...	...	...	
	Fyzabad	17 14	18 4	20 0	29 8	30 0	30 0	11 8	11 8	11 8	17 12	18 0	15 8	34 8	36 0	...	...	20 8	
	Bharaich	18 0	18 0	23 0	37 0	37 0	38 0	9 0	9 0	9 0	18 0	18 0	18 0	33 0	35 0	45 0	14 0	14 0	18
	Gonda	21 0	22 1	24 14	37 0	39 0	44 0	16 8	15 4	16 8	18 12	19 4	17 8	40 0	42 8	44 0	25 0	25 0	23
	Rai Bareli	18 8	20 10	19 4	22 0	27 4	22 0	...	...	...	18 0	18 0	13 0	25 0	29 8	...	20 0	22 0	
	Sultánpur	21 0	22 8	21 8	30 0	34 0	28 0	11 0	11 0	11 0	20 0	20 0	16 0	...	...	...	21 0	21 0	14
	Partábgarh	20 5	22 0	21 1	28 14	33 7	28 6	16 11	17 8	13 5	18 0	18 8	14 2	...	...	...	...	...	
Punjab.	Delhi	17 8	18 0	20 4	23 12	24 0	27 0	...	...	...	15 0	15 0	13 0	24 0	24 0	20 8	19 0	19 0	18
	Gurgaon	No ret	urn rec	eived	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Karnál	20 8	19 0	20 0	30 0	29 0	30 0	...	...	...	12 0	12 0	12 0	29 0	29 0	26 0	20 0	20 0	22
	Hissar [a]	19 0	21 0	17 0	30 0	34 0	22 0	...	...	...	10 0	10 0	10 0	34 0	36 0	25 0	28 0	29 0	21
	Rohtak	17 4	20 0	18 12	25 0	28 0	24 0	...	...	...	9 0	9 0	11 0	25 0	27 0	25 0	22 0	24 0	20
	Sirsa	23 0	21 12	17 8	39 0	38 8	32 0	...	...	...	14 0	14 0	11 0	41 4	44 0	26 0	32 0	33 0	22
	Umballa	23 12	23 8	19 8	33 0	33 0	33 0	...	...	...	13 0	13 0	13 0	33 0	33 0	26 0	30 0	30 0	23
	Ludhiana [b]	25 0	25 0	19 8	34 0	37 0	30 0	...	...	...	12 0	12 0	12 0	35 0	33 0	25 0	30 0	30 0	17
	Simla [c]	17 8	17 0	15 0	...	...	...	...	...	...	12 0	13 0	11 0	...	...	...	...	...	
	Jullundur	24 8	24 0	20 0	43 0	42 0	32 0	...	...	...	8 0	8 0	8 0	37 0	36 0	28 0	23 0	22 0	16
	Hoshiárpur [a]	24 8	26 0	22 4	35 0	39 0	32 0	...	...	...	11 0	12 0	10 8	31 0	31 0	24 0	19 0	20 0	16
	Kangra	No ret	urn rec	eived	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

* Mandwa: Present 35 seers, past 35 seers, corresponding 23 seers and 8 chittacks.

[a] Price of barley rising.

INDIA FOR THE 2nd HALF OF MAY 1882—*continued.*

IN SEERS OF 80 TOLAHS.

Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee). *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.			Districts.	Provinces.
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. per maund.	Rs. A.	Rs. A.	S. Ch.	S. Ch.	S. Ch.		
...	...	...	13 8	15 0	17 0	108 0	108 0	108 0	3 8	...	...	11 0	12 0	8 8	Sylhet	Assam.
...	...	...	12 13	14 8	15 4	80 0	80 0	64 0	3 6	...	...	10 10	10 10	8 10	Cachar	
...	...	...	16 0	20 0	12 0	120 0	120 0	120 0	3 8	...	...	10 2	10 2	8 0	Goálpárá	
...	...	...	8 0	8 0	6 8	160 0	160 0	160 0	5 6	...	...	6 6	6 6	5 5	Gáro Hills	
...	...	...	12 0	14 0	13 0	160 0	200 0	200 0	3 8	...	...	11 8	11 8	8 0	Kámrúp	
...	...	...	8 12	8 11	6 10	160 0	160 0	160 0	4 8	...	...	8 0	8 0	6 0	Darrang	
...	...	...	8 0	8 0	8 0	120 0	120 0	100 0	4 12	...	...	8 0	8 0	8 0	Nowgong	
...	...	...	10 0	10 0	8 0	80 0	80 0	120 0	4 8	...	...	8 8	8 8	6 8	Sibságar	
...	...	...	11 0	11 0	10 0	120 0	120 0	80 0	5 0	...	...	8 0	8 0	6 0	Lakhimpur	
...	...	...	10 0	10 0	...	...	...	...	5 8	...	...	7 4	7 4	5 5	Khási & Jaintiá Hills	
...	...	...	2 0	2 0	3 0	120 0	120 0	120 0	15 0	...	...	2 11	2 11	2 8	Nága Hills	
									S. Ch.	S. Ch.	S. Ch.					
...	...	...	21 8	24 0	18 12	160 0	160 0	160 0	11 8	11 8	10 8	10 8	10 8	9 8	Dehra Dún	N. W. Provinces.
...	...	...	25 3½	25 3½	20 8	150 8	150 8	150 8	12 6	12 6	10 3	12 1	12 1	10 3	Saháranpur	
...	...	...	24 6	23 10	21 0	132 0	132 0	132 0	12 6	12 6	9 14	12 2	12 2	...	Muzaffarnagar	
...	...	...	22 8	23 0	21 0	110 0	110 0	110 0	11 8	11 8	10 0	11 0	11 0	9 8	Meerut	
...	...	...	21 0	23 0	22 8	120 0	120 0	140 0	11 0	11 8	10 4	...	...	...	Bulandshahr	
...	...	...	...	...	...	...	...	...	...	...	...	No return received			Aligarh	
...	...	...	13 0	13 0	12 8	200 0	200 0	160 0	7 0	7 0	7 0	6 0	6 0	6 0	Kumaun	
...	...	...	9 0	9 0	10 0	320 0	320 0	200 0	8 0	8 0	8 0	7 0	7 0	7 0	Garhwál	
...	...	...	20 4	22 0	21 6	135 0	135 0	135 0	...	...	...	11 4	11 8	9 4	Bijnor	
...	...	...	20 10	21 14	20 10	162 8	162 8	125 0	12 7	12 10½	...	12 3	12 8	10 10	Moradabad	
...	...	...	19 3	19 3	24 0	192 0	192 0	192 0	10 3	10 8	...	10 12½	9 9½	...	Budaun	
...	...	...	20 0	20 0	20 0	125 0	125 0	137 8	11 14	11 14	...	11 4	11 4	10 0	Bareilly	
...	...	...	21 8	21 12	21 0	200 0	200 0	160 0	11 8	11 8	10 0	11 0	11 0	9 4	Sháhjáhánpur	
...	...	...	17 8	17 8	19 0	120 0	120 0	120 0	...	...	...	...	...	...	Tarái Pergunnahs	
...	...	...	21 0	22 0	20 0	140 0	140 0	100 0	12 0	13 14	...	11 0	12 1	10 0	Muttra	
...	...	...	21 0	21 0	20 8	100 0	100 0	110 0	13 0	13 0	11 0	12 8	12 8	10 8	Agra	
...	...	...	21 6¼	22 3¼	22 2	156 8	156 8	156 12	11 14½	11 14½	...	10 14	11 5	9 0½	Farukhabad	
...	...	...	20 0	22 8	18 4	160 0	160 0	160 0	10 8	10 8	...	10 0	10 0	8 12	Mainpuri	
...	...	...	23 0	25 8	20 4	120 0	120 0	120 0	10 8	10 8	10 8	10 0	10 0	10 0	Etáwah	
...	...	...	...	...	...	...	...	...	...	...	...	No return received			Etah	
...	...	...	29 0	33 0	23 0	140 0	140 0	120 0	12 0	12 0	...	11 0	11 0	10 0	Jalaun	
...	...	...	29 5½	31 7	25 9	200 0	200 0	200 0	12 12	11 14	9 0	11 12	11 3	8 8	Jhánsi	
...	...	...	34 0	34 0	33 0	160 0	180 0	200 0	12 0	12 0	...	11 8	11 8	9 0	Lalitpur	
...	...	...	24 4	26 8	24 0	150 0	150 0	165 0	12 8	12 8	...	12 4	12 4	10 8	Cawnpore	
...	...	...	21 12	25 4	21 8	200 0	200 0	200 0	9 10	9 10	...	9 6	9 6	9 4	Fatehpur	
...	...	...	29 0	32 8	22 8	160 0	160 0	200 0	12 8	12 5	...	12 0	12 0	10 8	Bánda	
...	...	...	26 4	28 0	23 6	140 0	140 0	160 0	12 0	12 0	...	11 0	11 0	...	Allahabad	
...	...	...	25 0	30 0	20 7	140 0	140 0	140 0	11 0	12 0	...	10 10	11 4	9 8	Hamírpur	
...	...	...	25 6	26 13	26 13	169 8	169 8	141 4	9 11	9 11	...	9 9	9 9	8 15	Jaunpur	
...	...	...	33 3	32 6½	37 14½	160 0	160 0	120 0	11 13	11 13	...	9 9½	9 9½	8 6½	Gorakhpur	
...	...	...	...	...	...	...	...	...	...	...	...	No return received			Basti	
...	...	...	25 1	23 10	26 9	147 8	147 8	161 12	9 3	9 3	7 14	8 0	8 0	8 0	Azamgarh	
...	...	...	25 0	25 0	22 0	100 0	100 0	100 0	10 8	8 8	9 0	8 0	8 0	8 0	Mirzapur	
...	...	...	24 6	24 15	25 8	120 0	120 0	120 0	11 4	11 4	...	9 9	9 9	9 4	Benares	
...	...	...	29 10	27 0½	28 5	129 0	129 0	154 8	10 7½	10 7½	...	9 13	9 13	9 1	Gházipur	
...	...	...	29 4	28 12	33 12	100 0	100 0	125 0	9 6	9 8	...	9 6	9 6	...	Balia	
...	...	...	18 10	20 4	21 0	150 0	150 0	150 0	12 0	12 0	11 0	11 4	11 4	10 0	Pilibhít	
...	...	...	21 15	22 10¼	20 14	120 0	120 0	140 0	9 8	9 8	9 8	9 0	9 0	9 0	Lucknow	Oudh.
...	...	...	22 0	26 8	19 11	160 0	160 0	160 0	...	...	...	10 0	9 0	9 0	Unáo	
...	...	...	23 0	24 0	23 0	130 0	130 0	120 0	12 0	12 0	10 0	9 8	9 8	9 0	Bára Banki	
...	...	...	22 3½	23 0	21 12	160 0	160 0	160 0	11 8	11 8	...	10 8	10 8	9 0	Sitapur	
...	...	...	18 12	18 12	23 7	240 0	240 0	240 0	8 17	8 17	8 17	7 8	7 8	8 8	Hardui	
...	...	...	19 8	20 0	27 0	200 0	200 0	200 0	9 0	9 8	11 0	9 0	10 0	10 0	Kheri	
...	...	...	24 12	25 12	23 8	120 0	120 0	140 0	10 0	9 8	9 0	9 0	8 8	8 8	Fyzabad	
...	...	...	27 0	27 0	26 0	160 0	160 0	160 0	...	...	...	9 0	9 0	8 4	Bharaich	
...	...	...	30 8	28 14	28 6	240 0	240 0	200 0	11 8	11 4	...	11 4	11 0	9 8	Gonda	
...	...	...	19 0	21 8	17 14	160 0	160 0	160 0	...	...	...	9 0	9 0	8 0	Rai Bareli	
...	...	...	29 0	30 0	22 8	160 0	160 0	160 0	11 8	11 8	9 12	11 13	11 4	9 8	Sultánpur	
...	...	...	25 6	25 4	20 6	200 0	200 0	200 0	11 0	10 0	10 0	10 0	9 0	8 11	Partábgarh	
...	...	...	21 12	22 0	21 8	85 0	85 0	90 0	12 12	12 8	...	12 4	12 0	11 8	Delhi	Punjab.
...	...	...	...	...	...	...	...	...	...	...	...	No return received			Gurgáon	
...	...	...	24 0	24 8	23 8	160 0	160 0	160 0	11 12	11 12	...	11 8	11 8	11 0	Karnál	
...	...	...	28 0	29 8	24 0	80 0	80 0	100 0	11 0	12 8	...	11 0	12 0	10 0	Hissar	
...	...	...	23 0	25 0	23 0	100 0	100 0	100 0	10 2	10 10	...	10 1	10 0	10 8	Rohtak	
...	...	...	34 0	33 2	26 8	120 0	120 0	120 0	12 8	12 8	...	12 0	12 0	9 0	Sirsa	
...	...	...	28 0	28 0	23 4	130 0	130 0	160 0	13 12	13 8	...	13 8	13 8	11 12	Umballa	
...	...	...	29 0	30 8	25 0	100 0	100 0	100 0	14 9	14 9	...	14 8	14 8	12 0	Ludhiana	
...	...	...	18 12	20 6	16 8	80 0	80 0	90 0	10 12	10 12	...	10 1	10 1	9 0	Simla	
...	...	...	30 8	30 0	21 8	105 0	105 0	100 0	14 8	14 8	...	14 0	14 0	11 8	Jullundur	
...	...	...	29 0	30 0	23 8	100 0	100 0	120 0	14 0	16 0	...	13 8	15 0	11 8	Hoshiarpur	
...	...	...	...	...	...	...	...	...	...	...	...	No return received			Kangra	

[b] Price of barley and jowar rising.

[c] Price of firewood rising.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPEE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowari), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Punjab—*continued.*	Amritsar [a]	25 0	23 8	21 0	39 0	49 0	29 8	...	...	...	12 8	12 8	11 8	29 4	34 4	20 8	24 8	25 8	17 8
	Siálkot	24 8	23 8	19 8	37 0	39 0	28 8	...	...	...	16 0	16 0	13 0	25 0	28 0	16 0	24 0	24 0	18 0
	Gurdáspur	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lahore [b]	22 0	23 0	19 0	33 0	40 0	29 0	...	...	...	10 0	10 0	9 0	30 0	30 0	23 0	22 0	26 0	16 0
	Ferozepore [c]	21 8	21 4	18 0	34 0	38 0	29 0	...	...	...	11 0	11 0	10 0	38 0	37 0	...	36 0	36 0	...
	Gujránwála	23 0	21 4	18 8	38 0	36 0	32 0	...	...	...	12 0	12 0	12 0	30 0	30 0	20 0	20 0	20 0	16 0
	Ráwalpindi [d]	19 0	17 12	12 8	29 0	31 0	20 0	...	...	...	8 0	13 0	6 4	28 0	30 0	17 0	21 0	25 0	15 0
	Jhelum [e]	23 0	20 0	15 0	32 0	29 0	22 5	...	...	...	11 0	10 0	8 0	23 0	25 0	18 0	22 0	23 0	17 0
	Gujrát	26 8	26 0	18 8	39 8	40 0	29 0	...	...	...	12 0	12 0	8 0	21 0	21 0	19 0	28 0	29 0	17 0
	Shahpúr	20 0	20 0	15 12	31 0	32 0	23 0	...	...	...	12 0	12 0	10 0	21 0	21 0	15 0	20 0	20 0	15 0
	Mooltan	17 8	18 0	13 8	25 0	27 0	21 0	...	...	...	10 0	10 0	8 0	24 0	24 0	13 0	24 0	24 0	12 0
	Jhang	19 8	21 0	15 0	29 8	28 0	21 0	...	...	...	10 0	10 0	8 0	14 0	16 0	15 0	16 0	16 0	14 0
	Montgomery	21 0	23 0	14 8	30 0	30 0	20 0	...	...	...	5 8	5 8	5 0	32 0	30 0	...	...	24 0	...
	Muzaffargarh	20 0	19 0	16 0	28 0	28 0	23 0	...	...	...	5 0	5 0	5 0	20 0	20 0	13 0	20 0	20 0	12 0
	Dera Ismail Khán	18 12	18 9	16 1	30 1	33 1	24 6	...	...	...	8 12	8 12	7 8	30 0	30 0	15 0	25 0	24 6	15 10
	Dera Ghází Khán	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bannu																		
	Pesháwar	17 2	16 10	10 9	34 8	34 8	23 4	...	...	...	9 8	9 8	6 5	27 8	26 0	15 12	13 6	14 0	9 8
	Kohát	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Házára	...	...	...	34 0	34 0	27 0	...	...	...	14 0	...	10 8	...	32 0	...	...	...	...
Central Provinces.	Nágpur	16 0	17 4	22 4	...	...	...	8 12	8 8	9 12	16 0	16 0	15 0	25 12	24 12	30 0	...	...	...
	Bhandára	20 0	22 0	25 4	...	...	...	11 4	11 4	9 12	21 4	21 4	17 8	24 12	24 12	24 0	...	...	...
	Chánda	17 8	16 0	25 0	...	...	...	...	...	...	12 0	12 8	16 8	25 0	32 8	36 8	...	...	...
	Wardha	20 8	21 8	24 8	...	...	...	8 12	8 12	9 0	13 0	12 12	15 4	28 0	34 0	28 4	...	...	...
	Bálaghát	20 0	25 0	25 0	...	...	...	16 4	17 8	15 0	26 0	26 0	25 0	...	...	...	...	...	...
	Jubbulpore	17 8	19 0	22 0	25 0	26 0	26 0	11 0	11 8	11 0	19 0	18 0	19 0	24 0	23 0	35 0	18 8	18 0	25 0
	Saugor	21 0	22 8	31 0	...	...	...	8 0	8 0	9 0	10 0	10 0	10 0	...	...	...	...	...	...
	Damoh	26 8	26 8	41 0	...	...	...	12 12	12 12	13 4	13 12	13 12	13 12	...	...	95 0	...	...	...
	Seoni	22 0	24 0	28 0	...	...	...	13 0	13 8	13 0	19 8	19 8	18 0	...	...	...	...	...	...
	Mandla	25 0	28 8	29 0	...	...	...	15 0	16 0	16 0	18 0	19 0	23 0	...	...	...	...	...	...
	Betúl	18 8	18 8	25 0	...	...	...	10 0	9 0	12 0	11 0	10 0	13 0	21 0	24 0	40 0	...	...	...
	Chhindwára	22 0	22 0	22 0	...	...	...	9 0	9 0	10 0	14 0	14 0	14 0	28 0	28 0	30 0	...	...	...
	Hoshangabad	14 10	15 8	18 4	...	...	...	4 0	4 8	4 4	11 4	11 4	9 4	21 0	27 0	36 8	22 0	22 10	28 0
	Narsinghpur	15 12	19 0	23 8	...	...	...	10 0	10 0	11 0	13 8	13 8	12 0	...	...	50 0	...	...	45 0
	Nimár	16 4	18 0	20 0	...	...	...	...	...	...	12 4	11 8	11 0	24 4	29 7	40 0	24 0	25 5	34 0
	Raipur	28 0	31 8	40 0	...	...	...	20 0	21 8	17 0	34 0	38 0	31 0	...	...	...	...	...	...
	Sambalpur	27 0	28 0	24 0	...	...	...	34 4	36 0	30 0	47 0	52 0	35 0	...	...	...	...	...	...
	Biláspur	54 0	54 0	72 0	...	...	...	36 0	36 0	32 0	67 0	63 0	54 0	...	...	...	...	...	...
British Burma.	*Arakan Division.*																		
	Akyab	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Northern Arakan																		
	Kyoukpyoo																		
	Sandoway																		
	Pegu Division.																		
	Rangoon town and Hanthawaddy																		
	Tharrawaddy																		
	Prome																		
	Irrawaddy Division.																		
	Henzada																		
	Bassein																		
	Thonegwa																		
	Thayetmyo																		
	Tenasserim Division.																		
	Moulmein town and Amherst																		
	Tavoy																		
	Mergui																		
	Toungoo																		
	Shwaygyin																		
	Salween																		
Hyderabad Assigned Districts.	Secunderabad	16 12	16 12	15 8	...	...	...	6 13	7 2	...	9 13	9 13	10 3	23 14	24 14	23 0	27 0	27 0	...
	Bolarum	18 12	18 12	17 11	...	...	...	7 6	7 6	7 11	8 12	9 8	9 9	27 0	27 0	25 11	...	...	...
	Chudderghat	15 0	15 4	9 0	...	...	...	7 0	6 8	6 0	8 12	8 8	9 0	26 0	27 0	21 0	33 0	34 0	30 0
	Amráoti	15 0	17 0	21 0	11 0	11 0	10 0	8 0	8 0	7 8	10 0	10 0	9 0	26 0	28 0	36 0	24 0	26 0	26 0
	Akola	15 0	18 0	23 0	...	...	...	8 0	8 0	8 0	10 0	11 0	12 0	30 0	28 0	40 0	23 0	23 0	24 0
	Ellichpur	14 0	14 0	21 0	12 0	12 0	12 0	6 0	6 0	8 0	8 0	8 0	10 0	20 0	22 0	28 0	20 0	21 0	26 0
	Buldána	19 0	20 0	26 0	...	...	...	...	...	...	11 0	11 0	11 0	32 0	32 0	42 0	30 0	30 0	38 0
	Wún	15 0	16 0	18 0	...	...	...	7 0	7 8	7 8	10 8	10 8	11 0	30 0	30 0	36 0	...	...	...
	Básim	20 0	20 0	25 8	...	...	...	5 0	5 4	5 0	12 0	12 0	5 0	30 0	33 0	50 0	...	...	...

[a] Price of barley, jowar, and gram rising. [b] Price of barley, bajra and gram rising. [c] Price of barley and gram rising.

NDIA FOR THE 2nd HALF OF MAY 1882—*continued.*

N SEERS OF 80 TOLAHS.

Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum*, &c.			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.			Districts.	Provinces.
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
...	...	...	31 4	33 4	22 8	90 0	85 0	90 0	15 4	14 14	...	14 12	14 6	12 6	Amritsar	Punjab—*continued.*
...	...	...	26 0	28 0	18 8	140 0	140 0	140 0	15 4	15 0	...	15 0	14 8	12 4	Siálkot	
...	...	...	...	...	...	...	...	...	...	...	...	No re	turn re	ceived	Gurdáspur	
...	...	...	28 0	31 0	20 0	80 0	80 0	100 0	15 0	15 0	...	14 0	14 0	11 0	Lahore	
...	...	...	29 0	33 0	24 0	70 0	70 0	70 0	13 0	13 4	...	13 0	13 0	11 0	Ferozepore	
...	...	...	27 8	27 8	18 8	95 0	95 0	95 0	15 4	15 4	...	15 0	15 0	12 4	Gujránwála	
...	...	...	22 0	24 4	15 0	80 0	80 0	40 0	14 8	14 8	...	14 0	14 4	11 12	Ráwalpindi	
...	...	...	24 0	25 0	16 8	90 0	90 0	90 0	16 8	16 0	...	16 0	15 8	13 0	Jhelum	
...	...	...	26 0	26 0	17 12	100 0	100 0	100 0	...*	...*	...	15 0	15 0	12 8	Gujrát	
...	...	...	24 0	23 0	18 0	320 0	320 0	320 0	17 0	17 0	...	16 0	16 0	14 0	Shahpúr	
...	...	...	23 0	23 8	17 0	90 0	90 0	80 0	14 0	13 12	...	13 8	13 8	12 0	Mooltan	
...	...	...	24 0	21 8	16 0	200 0	200 0	200 0	14 5	14 8	...	14 0	13 12	12 8	Jhang	
...	...	...	27 0	29 0	19 0	200 0	200 0	200 0	12 0	11 4	...	11 0	10 4	10 8	Montgomery	
...	...	...	21 8	21 0	16 0	100 0	100 0	100 0	...*	...*	...	13 8	13 0	11 8	Muzaffargarh	
...	...	...	26 6	25 8	23 5	100 0	100 0	100 0	55 0	55 0	...	53 0	53 0	50 0	Dera Ismail Khán	
...	...	...	...	...	...	...	...	...	...	...	No	return	receive	d	Dera Ghází Khán / Bannu	
...	...	...	19 0	19 0	14 14	91 0	91 0	61 0	55 4	55 4	...	53 0	53 0	37 8	Pesháwar	
...	...	...	...	...	...	...	...	...	...	...	...	No re	turn re	ceived	Kohát	
...	...	...	19 0	18 0	12 0	140 0	140 0	110 0	...	...	...	12 0	12 0	9 0	Házára	
...	...	...	24 12	23 8	25 0	130 0	150 0	120 0	11 8	11 4	10 8	11 4	11 0	10 4	Nágpur	Central Provinces.
...	...	...	24 12	31 4	29 0	...	...	...	11 0	11 0	10 8	10 12	10 8	10 0	Bhandára	
...	...	...	28 0	27 8	25 0	360 0	360 0	360 0	...	...	...	10 8	11 0	10 0	Chánda	
...	...	...	22 8	22 12	23 4	135 0	135 0	135 0	12 8	10 12	10 12	12 4	10 8	10 8	Wardha	
...	...	...	32 0	35 0	38 0	275 0	275 0	275 0	12 0	10 0	...	10 0	10 0	9 8	Bálaghát	
...	...	...	29 0	30 0	34 0	120 0	120 0	140 0	10 12	11 4	...	10 10	11 0	8 8	Jubbulpore	
...	...	...	26 0	29 0	39 0	160 0	160 0	160 0	9 0	9 0	...	8 12	8 12	7 10	Saugor	
...	...	...	41 0	39 0	50 0	200 0	200 0	200 0	9 8	9 0	7 0	9 4	8 12	6 12	Damoh	
...	...	...	27 0	30 0	37 0	220 0	220 0	200 0	10 0	9 0	5 4	9 8	8 8	5 0	Seoni	
35 0	32 0	35 0	55 0	50 0	57 0	256 0	256 0	256 0	...	...	...	8 0	8 0	5 12	Mandla	
18 8	18 8	25 8	20 0	20 0	35 0	240 0	240 0	240 0	9 8	9 8	9 8	9 0	9 0	9 0	Betúl	
20 0	20 0	20 0	27 0	27 0	30 0	200 0	200 0	200 0	9 0	9 0	9 0	8 0	8 0	8 0	Chhindwára	
...	...	...	20 4	23 4	31 8	160 0	160 0	120 0	9 7	7 14	...	8 14	7 0	5 2	Hoshangabad	
...	...	...	26 0	31 0	41 0	160 0	160 0	160 0	9 10	9 0	6 12	9 2	8 8	6 8	Narsinghpur	
...	...	...	21 1	22 6	26 8	160 0	160 0	120 0	13 8	13 8	9 8	13 0	13 0	9 0	Nimár	
...	...	...	32 0	32 0	40 0	60 0	70 0	60 0	8 8	9 0	9 0	8 8	8 12	8 8	Raipur	
...	...	...	26 0	28 0	24 0	120 0	120 0	220 0	9 8	9 0	8 0	9 0	8 8	7 8	Sambalpur	
125 0	125 0	170 0	63 0	48 0	56 0	140 0	140 0	140 0	...	...	...	8 0	8 0	7 8	Biláspur	
															Arakan Division.	British Burma.
															Akyab	
															Northern Arakan	
															Kyoukpyoo	
															Sandoway	
															Pegu Division.	
															Rangoon town and Hanthawaddy	
															Tharrawaddy	
															Prome	
															Irrawaddy Division.	
...	...	...	...	...	...	...	...	...	...	...	No	return	receiv	ed	Henzada	
															Bassein	
															Thonegwa	
															Thayetmyo	
															Tenasserim Division.	
															Moulmein town and Amherst	
															Tavoy	
															Mergui	
															Toungoo	
															Shwaygyin	
															Salween	
27 0	27 0	...	18 13	19 7	21 6	130 0	130 0	125 0	11 0	11 0	9 8	10 7	10 7	9 1	Secunderabad	Hyderabad Assigned Districts.
...	...	...	20 7	20 4	23 12	116 14	116 14	116 14	...	...	...	10 9	10 9	9 8	Bolarum	
...	...	...	19 0	19 8	24 0	80 0	80 0	80 0	...	...	...	9 8	9 8	8 12	Chudderghat	
...	...	...	21 0	22 0	22 0	70 0	70 0	80 0	12 8	12 8	11 8	12 0	12 0	11 0	Amraoti	
7 0	7 0	7 8	21 0	23 0	28 0	64 0	64 0	64 0	11 0	10 0	9 0	10 0	9 0	9 0	Akola	
...	...	...	16 0	16 0	22 0	64 0	64 0	64 0	...	...	...	9 0	9 0	9 0	Ellichpur	
...	...	...	28 0	28 0	35 0	...	...	...	...	...	...	11 0	10 0	10 0	Buldána	
...	...	...	26 0	28 0	24 0	100 0	100 0	100 0	...	...	...	9 0	8 0	8 0	Wún	
...	...	...	26 0	28 0	29 0	64 0	64 0	64 0	11 0	10 0	8 8	10 0	9 0	8 0	Básim	

[d] Price of rice and bajra rising. [e] Price of wheat and barley falling. * Salt not sold wholesale.

PRICES CURRENT OF FOOD-GRAINS THROUGHOU

QUANTITIES PER RUPE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicat* Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch	S. Ch.	S. Ch
Mysore	Bangalore	11 12	12 2	12 5	13 4	13 12	14 8	10 2	10 2	10 7	11 5	11 3	11 14	25 9	24 3	27 8	...	...	...
	Kolar	...	...	...	11 2	11 2	11 0	12 14	12 14	11 14	15 3	15 7	15 3	...	...	...	...	...	...
	Túmkúr	14 8	14 0	15 8	13 0	14 0	16 0	12 0	12 0	12 8	12 8	13 0	14 8	...	...	...	...	...	...
	Mysore	11 0	11 0	11 1	...	...	...	10 8	10 0	11 12	11 0	10 8	13 5	...	...	...	...	...	...
	Hassan	13 0	10 0	16 0	14 0	12 0	16 0	10 0	9 8	13 0	10 8	10 0	16 0	...	...	...	...	...	...
	Shimoga	14 11	14 11	14 11	15 12	15 4	16 13	10 8	10 8	13 10	13 10	12 10	16 13	27 5	27 5	48 5	...	...	...
	Kadur	16 0	16 0	14 0	15 0	15 0	...	10 0	10 0	18 0	13 0	13 0	19 0	...	...	...	...	...	...
	Chitaldroog	16 0	16 0	16 0	16 0	18 0	20 0	11 0	11 0	12 0	12 0	12 0	13 0	32 0	32 0	60 0	28 0	28 0	48 0
Coorg	Coorg	8 11	9 0	8 12	9 5	9 12	9 9	11 8	11 8	13 0	13 8	13 10	19 6	...	...	...	...	...	...
Rajpootana	Jeypore	16 8	16 4	15 12	21 0	21 0	22 12	6 0	6 0	6 0	9 0	9 4	9 8	20 0	21 0	25 0	19 0	20 0	19 0
	Kishengurh	16 12	16 12	17 0	22 12	22 12	27 8	9 0	9 0	8 0	10 0	10 0	9 12	22 0	22 0	27 4	20 8	20 8	21 0
	Kerrowlee	17 0	17 8	*	20 0	21 8	*	13 8	13 8	*	15 0	15 0	*	20 0	21 8	*	17 8	18 8	*
	Ulwur	17 10	18 0	17 15	21 14	22 5	23 0	8 0	8 0	8 0	12 0	12 0	11 10	22 2	24 0	24 0	17 5	20 0	19 15
	Bhurtpore (City)	18 8	18 0	17 8	24 0	24 8	23 4	6 8	6 8	6 8	11 0	11 0	7 4	23 8	27 0	25 0	19 8	20 8	20 0
	Ajmere	14 8	15 8	15 8	20 0	23 0	23 0	5 0	5 0	5 0	8 0	8 0	8 0	18 0	18 0	22 0	18 0	19 0	20 0
	Deoli Cantonment	17 14	17 10	19 10	22 5	22 12	25 3	...	...	...	10 8	10 8	10 8	22 0	22 6	28 2	17 0	17 6	22 0
	Erinpura	17 3	18 1½	17 4	29 14	32 0	26 10	...	...	...	8 0	8 0	7 0	25 0	25 0	24 0	22 0	26 6	23 0
	Sirohee	17 12	...	17 0	30 0	...	29 0	7 0	...	6 0	8 8	...	7 0	18 0	...	18 0	21 0	...	24 0
	Abu	15 8	15 12	15 14	22 4	24 0	27 4	6 8	6 8	5 8	8 0	8 0	7 4	...	...	...	17 12	17 8	20 12
	Anadra	17 4	18 0	18 0	36 8	28 0	36 0	7 0	7 0	6 0	9 0	8 8	8 8	...	...	...	20 0	20 8	24 8
	Hilly Tracts of Meywar	21 8	22 8	24 8	28 0	30 0	44 0	...	...	...	19 0	18 0	15 0	...	...	...	...	...	...
	Meywar (Oodeypore)	14 13½	16 0¼	15 10	19 8½	21 7¾	21 14	10 15	10 15	9 6	...	...	...	...	...	...	...	...	...
	Bánswára (Meywar Agency)	25 0	25 0	28 12	...	...	...	7 8	7 8	7 8	17 8	18 12	18 12	...	...	...	...	...	...
	Partábgarh („)	16 9	17 5½	20 10	...	...	...	10 15	10 15	7 8	13 7	13 7	12 8	...	...	...	...	...	...
	Marwar (Jodhpore)	15 15	...	14 14	22 8	...	18 12	6 4	...	5 0	7 8	...	6 4	22 8	...	21 14	18 12	...	17 8
	Bikaneer	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Boondee	16 0	19 8	24 0	25 0	30 0	37 8	9 0	9 8	7 8	10 0	10 8	9 8	23 0	28 8	37 8	...	...	...
	Kotah	17 8	19 12	26 0	22 0	23 0	32 0	8 12	8 12	7 12	10 8	10 8	9 8	23 8	23 8	38 0	15 0	15 0	17 0
	Tonk	14 8	16 6	18 1	20 11	20 15	25 5	7 0	6 12	7 8	10 0	9 11	9 8	21 8	22 12	27 14	19 8	20 10	25 13
	Jhallawar	15 4	15 13	22 9	15 15	23 14	27 14	...	...	...	8 14	8 14	7 12	16 4	18 9¼	30 1½	13 6	14 10	18 3
	Shahpoora	18 3	19 4	18 0	25 4	23 8	24 8	10 4	10 9	9 12	15 2	16 8	13 12	20 1	21 0	27 0	18 0	20 0	21 0
	Dholpur	17 4	18 1	17 5	22 6	24 14	19 11	10 2	10 2	7 14	12 6	12 6	12 6	22 3	22 12	19 11	19 12	21 1	19 6
Central India	Indore	14 1	16 0	24 0	...	...	...	8 9	8 9	8 0	10 0	10 0	9 3	19 3	20 0	48 0	20 13	21 0	30 0
	Gwalior	16 4	...	16 5	21 4	22 6	21 0	7 5	7 5	6 10	9 10	9 10	9 6	21 0	22 6	19 14	16 7	17 6	15 9
	Goona	22 8	24 0	26 0	19 0	20 0	20 0	9 8	9 8	9 4	10 0	10 0	10 0	27 0	30 0	35 0	19 0	20 0	20 0
	Baghelkhand (Sutna)	22 8	22 3	22 1	35 0	35 0	32 9	7 8	7 0	9 0	21 0	20 12	19 0	35 0	39 3	29 14	25 0	25 3	21 10

* Not received.

NDIA FOR THE 2nd HALF OF MAY 1882—*concluded.*

N SEERS OF 80 TOLAHS.

Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.			Districts.	Provinces.
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
24 8	24 5	34 13	30 8	32 4	39 9	84 0	84 0	90 0	12 12	13 0	10 8	12 8	12 12	10 0‡	Bangalore	Mysore.
31 0	30 0	37 2	34 3	34 3	45 10	172 6	172 6	172 6	13 8	13 8	11 5	13 3	13 3	11 1‡	Kolar	
33 0	27 0	48 0	36 0	36 0	48 0	340 0	340 0	340 0	11 0	10 8	12 8	10 8	10 0	12 0§	Túmkúr	
18 0	19 0	30 12	27 0	24 0	36 0	84 0	84 0	75 0	8 4	9 0	8 8	8 0	8 12	8 5‡	Mysore	
22 0	20 0	40 0	24 8	23 0	40 0	600 0	600 0	600 0	...	...	...	8 8	8 0	8 0‡	Hassan	
28 14	28 14	55 10	29 6	26 4	45 2	480 0	480 0	480 0	10 8	10 8	...	9 7	10 8	8 6‡	Shimoga	
22 0	22 0	42 0	22 0	22 0	32 0	64 0	64 0	60 0	...	...	...	8 0	8 0	9 0‡	Kadur	
37 0	37 0	57 10	28 0	24 0	48 0	100 0	100 0	100 0	12 0	12 0	12 0	12 0	12 0	12 0§	Chitaldroog	
20 6	20 13	37 3	21 11	23 7	35 1	110 0	110 0	110 0	10 8	10 10	...	9 4	9 8	9 15	Coorg	Coorg
...	...	...	18 0	19 4	18 0	...	...	...	14 0	14 5	...	13 8	13 8	11 4	Jeypore	Rajpootana.
...	...	...	23 0	23 0	26 4	...	...	...	...	...	...	16 12	16 12	12 8	Kishengurh	
...	...	...	19 0	21 8	*	...	...	...	13 7	14 6	...	12 8	13 8	*	Kerrowlee	
...	...	...	20 9	21 9	18 5	...	...	...	15 13	15 13	...	15 6	15 8	12 8	Ulwur	
...	...	...	22 0	23 0	18 8	...	...	...	14 8	14 8	...	13 8	14 0	12 4	Bhurtpore (City)	
...	...	...	20 0	23 0	22 0	70 0	70 0	60 0	...	...	...	15 0	15 0	12 0	Ajmere	
...	...	...	22 0½	23 6	24 0	...	...	...	...	...	...	13 12	13 12	11 3	Deoli Cantonment	
									Rs. A. P.	Rs. A. P. per md.	Rs. A. P					
...	...	...	23 2	21 6¼	21 8	170 0	170 0	160 0	3 1 2	3 1 2	...	12 0	12 0	11 0	Erinpura	
...	...	...	23 0	...	20 0	160 0	...	120 0	...	...	...	11 7	...	11 7	Sirohee	
...	...	...	18 0	19 0	18 0	160 0	160 0	160 0	3 8 0	3 8 0	...	10 8	10 8	10 8	Abu	
...	...	...	20 12	22 0	20 8	...	...	...	3 12 0	3 12 0	...	11 8	11 8	11 8	Anadra	
...	...	...	24 0	27 0	35 0	†	†	†	...	...	...	10 0	12 0	9 0	Hilly Tracts of Meywar	
									S. Ch.	S. Ch.	S. Ch.					
...	...	...	17 3	17 9¼	21 14	200 0	200 0	200 0	9 9	9 12¼	...	9 6	9 6	8 0	Meywar (Oodeypore)	
...	...	...	35 0	37 8	60 0	...	...	...	...	...	...	11 14	11 14	9 6	Bánswára (Meywar Agency)	
...	...	...	19 6	22 3	31 4	...	...	...	...	...	...	10 0	10 10	8 12	Partábgarh („)	
									Rs. A. P.	Rs. A. P. per md.	Rs. A. P.					
...	...	...	20 0	...	16 4	...	...	...	2 9 0	...	...	15 10	...	13 12	Marwar (Jodhpore)	
									S. Ch.	S. Ch.	S. Ch.					
...	...	...	...	...	...	...	...	...	...	...	...	No ret	urn re	ceived	Bikaneer	
...	...	...	25 0	29 0	32 0	140 0	140 0	160 0	13 8	13 12	10 0	13 4	13 8	...	Boondee	
...	...	...	26 4	27 8	32 8	240 0	240 0	240 0	12 0	11 12	...	11 8	11 8	10 4	Kotah	
...	...	...	20 0	21 0	21 10	160 0	140 0	140 0	13 8	13 4	11 2	13 4	...	...	Tonk	
...	...	...	18 9½	21 14	29 3	...	...	...	9 15	9 15	...	9 11½	9 11½	7 10	Jhallawar	
...	...	...	19 12	22 8	22 8	160 0	160 0	160 0	13 12	14 0	11 0	13 8	14 0	...	Shahpoora	
...	...	...	21 12	23 4	18 9	...	...	...	12 15	12 15	10 11	12 3	12 3	10 1	Dholpur	
...	...	...	17 12	18 7	27 7	100 0	100 0	100 0	11 0	11 0	...	10 0	9 0	6 0	Indore	Central India.
...	...	...	19 11	20 10	18 4	109 8	109 8	127 12	...	...	...	11 9	11 10	9 10	Gwalior	
...	...	...	27 0	30 0	33 0	200 0	200 0	200 0	12 0	12 0	...	11 6	11 8	10 0	Goona	
...	...	...	33 8	33 0	28 1	160 0	160 0	160 0	12 8	12 8	...	11 12	11 12	11 6	Baghelkhand (Sutna)	

† Eight ples per bundle. ‡ Sea Salt. § Earth Salt.

D. M. BARBOUR,

Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION OPERATIONS OF FASL KHARIF, N.-W. PROVINCES, 1882, UP TO 30th APRIL 1882.

Canal Division.	Water distributed during April 1882. Depth in Canal at regulating gauge in feet. Full supply.	Actual average throughout.	Gross Consumption, cubic feet per second. Allotted discharge.	Actual average throughout.	Total area of irrigation during current fasl.	Total area for the corresponding period of last year.
Upper Ganges. Northern	10·00	...	740	163	26,019	12,677
Upper Ganges. Anúpshahr	6·80	...	700	906	33,697	20,434
Upper Ganges. Meerut	8·30	...	969	1,319	44,622	31,477
Upper Ganges. Bulandshahr	7·35	...	972	886	29,548	28,412
Upper Ganges. Aligarh	5·50	...	994	876	36,911	35,143
Lower Ganges. Narora	...	...	...	286	5,947	3,507
Lower Ganges. Mainpuri	...	...	...	510	14,062	11,536
Lower Ganges. Cawnpore	6·20	—	958	514	27,730	30,502
Lower Ganges. Etáwah	4·80	...	771	1,002	33,193	32,051
Lower Ganges. Bhognipur	...	...	...	534	12,777	6,657
Total, Upper and Lower Ganges Canals	...	...	...	6,996	264,506	212,396
Eastern Jumna Canal	...	...	1,250	907	39,728	28,533
Agra Canal	...	...	2,000	884	11,403	9,605
Rohilkhand	...	...	...	180	9,936	5,076
Bijnor	...	...	...	...	305	2,995
Dún	...	...	...	113	1,392	1,307
Jhánsi	...	...	...	...	21	9
Hamírpur	...	...	...	...	11	11
Total	...	...	...	...	327,302	259,932

Zila.	Land irrigated (approximate). Sugarcane.	Indigo.	Rice.	Cotton.	Other food-grains.	Fodder crops.	Miscellaneous.	Total.	Rain-fall. Total from 1st to 30th April 1882.	Average of ten previous years for the same period.
Saháranpur	14,039	785	25	...	7	21	629	15,506	·2	·31
Muzaffarnagar	43,944	2,393	128	15	1	69	432	46,982	·6	·53
Meerut	64,838	9,164	414	37	54	117	419	75,043	·25	·79
Bulandshahr	6,979	29,281	1	12	121	2	155	36,551	·3	·01
Aligarh	1,036	23,694	10	1	120	2	213	25,076	·2	·08
Muttra	1,371	3,473	...	245	...	13	275	5,377	...	·05
Agra	724	1,989	...	...	2	...	432	3,147	·1	·10
Etah	3,409	12,279	6	...	467	4	958	17,123	...	·09
Mainpuri	3,147	18,077	...	...	302	3	462	21,991	...	·11
Fatehgarh	1,755	8,294	...	...	151	6	128	10,334	...	·08
Etáwah	6,396	22,720	...	...	33	2	336	29,487	...	·03
Cawnpore	3,384	21,367	12	...	408	344	175	25,690	·4	·12
Delhi	8	...	...	...	...	...	...	8	...	·05
Gurgaon	2,089	712	...	436	1	39	45	3,322	...	·12
Dehra Dún	929	...	228	...	...	...	235	1,392	1·4	1·01
Bijnor	...	...	...	...	...	...	305	305	·2	·46
Tarái	1,250	...	...	...	...	...	...	1,250	...	·13
Pilibhit	811	...	...	...	...	...	...	811	...	·25
Bareilly	7,875	...	...	...	...	...	...	7,875	...	·17
Jhánsi	19	...	...	...	...	...	2	21	·1	·11
Hamírpur	11	...	...	...	...	...	...	11	...	·01
Total	164,014	154,228	824	746	1,667	622	5,201	327,302	...	...
Total for the same period last year	113,674	139,132	430	505	1,684	198	4,309	259,932	...	...
Increase	50,340	15,096	394	241	...	424	892	67,370	...	...
Decrease	...	...	...	...	17	...	...	...	...	...

Remarks.

			Cubic feet per second.
Entering head of Ganges Canal			5,708
" Lower Ganges Canal			2,138
			7,846
Expended—			
Ganges Canal		4,150	
Lower Ganges Canal		2,846	
		6,996	
Escapes—			
Anúpshahr Branch	16		
Meerut Division	137		
Aligarh ditto	36		
Narora Division, Lower Ganges Canal	8		
Mainpuri ditto ditto	124		
Cawnpore ditto ditto	251		
Etáwah ditto ditto	2		
Bhognipur ditto ditto	56		
Loss by percolation, Narora Division	199		
		829	
Unaccounted for		21	
			7,846

Executive Engineer, Mainpuri Division, Lower Ganges Canal, reports that there was a heavy demand for indigo sowings and that the supply was short of demand.

Executive Engineer, Agra Canal, reports that the canal was closed for repairs and clearance of weeds from the 5th to 13th April, inclusive.

Executive Engineer, Rohilkhand Canals, reports that every drop of water is being used up for sugar irrigation and that the rivers are all very low.

ALLAHABAD,
The 29th May 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. and Oudh,
P. W. D., Irrigation Branch.

STATEMENT OF TRAFFIC ON THE AGRA CANAL FOR THE MONTH OF APRIL 1882.

Nature of Traffic.	Agra Canal. Principal items of Traffic. Up. Mds.	Up. No.	Down. Mds.	Down. No.	Total up and down. Mds.	Total up and down. No.
Grains—						
Wheat	...	...	...	...	...	...
Gram	...	...	...	...	...	...
Rice	...	...	...	...	...	...
Paddy or dhán	...	...	...	...	...	...
Bejhar or mixed grain	...	...	...	...	...	...
Dal—						
Urd	...	...	...	...	...	...
Mung	...	...	1,100	...	1,100	...
Arhar	...	...	...	...	...	...
Masuri	...	...	...	...	...	...
Juár	...	...	...	...	...	...
Bájra	...	...	...	...	...	...
Maize or Indian-corn	...	...	...	...	...	...
Barley	...	...	...	...	...	...
Total	...	...	1,100	...	1,100	...
Cotton	...	...	300	...	300	...
Oilseeds	...	...	...	...	...	...
Salt	...	...	...	...	...	...
Metals	...	...	...	...	...	...
Building materials	3,450	...	...	...	3,450	...
Miscellaneous goods	230	...	2,300	...	2,530	...
Firewood	...	...	...	...	...	...
Bamboos	...	...	...	...	...	...
Timber—						
Poles and unsquared timber	...	...	400	...	400	...
Karis and squared timber	...	...	...	...	...	...
Logs	...	...	...	...	...	...
Miscellaneous timber	...	...	...	...	...	...
Live-stock	...	...	...	...	...	...
Grand Total	3,680	...	4,100	...	7,780	...
Total during corresponding period of last year	5,450	...	6,375	...	11,825	...
Increase	...	...	...	...	...	...
Decrease	1,770	...	2,275	...	4,045	...

Remarks.

Particulars.	Agra Canal. 1882.	Agra Canal. 1881.
Tonnage, including weight of timber and bamboos	286	434
Ton mileage	34,009	51,213
Value of goods . . . Rs.	17,608	33,294
Number of passengers	...	...

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. and Oudh, P. W. D., Irrigation Branch.

Allahabad,
The 29th May 1882.

D

STATEMENT OF TRAFFIC ON UPPER AND LOWER GANGES CANALS FOR THE MONTH OF APRIL 1882.

	UPPER GANGES CANAL. Principal items of local Traffic.						LOWER GANGES CANAL. Principal items of local Traffic.						UPPER AND LOWER GANGES CANALS. Principal items of through Traffic.						UPPER AND LOWER GANGES CANALS. Principal items of local and through Traffic.						Remarks.
	Up.		Down.		Total up and down.		Up.		Down.		Total up and down.		Up.		Down.		Total up and down.		Up.		Down.		Total up and down.		
	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	
Grains.																									
Wheat	2,932	...	4,217	...	7,149	...	...	...	500	...	500	...	460	...	3,693	...	4,153	...	3,392	...	8,410	...	11,802	...	
Gram	772	...	562	...	1,334	...	521	...	...	...	521	...	1,469	...	...	...	1,469	...	2,762	...	562	...	3,324	...	
Rice	60	...	...	...	60	...	110	...	...	...	110	...	3,634	...	...	...	3,634	...	3,804	...	...	...	3,804	...	
Paddy or dhán	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Bejhar or mixed grain	...	...	100	...	100	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	100	...	100	...	
Dal ... Urd	265	...	...	...	265	...	...	...	465	...	465	...	...	...	2,115	...	2,115	...	265	...	2,580	...	2,845	...	
Dal ... Mung	...	...	...	...	...	...	...	...	...	...	...	...	...	...	627	...	627	...	...	...	627	...	627	...	
Dal ... Arhar	...	...	...	...	...	...	...	...	...	...	...	...	1,489	...	...	...	1,489	...	1,489	...	...	...	1,489	...	
Dal ... Masuri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Juár	...	...	50	...	50	...	2,590	...	...	...	2,590	...	525	...	...	...	525	...	3,115	...	50	...	3,165	...	
Bájra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Maize or Indian-corn	...	...	...	...	...	...	630	...	...	...	630	...	347	...	...	...	347	...	977	...	...	...	977	...	
Barley	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Total	4,029	...	4,929	...	8,958	...	3,851	...	965	...	4,816	...	7,924	...	6,435	...	14,359	...	15,804	...	12,320	...	28,133	...	
Cotton	...	...	...	...	...	...	...	...	1,338	...	1,338	...	...	...	3,066	...	3,066	...	...	...	4,404	...	4,404	...	
Oilseeds	...	...	...	...	...	...	...	...	7,055	...	7,055	...	1,024	...	3,215	...	4,239	...	1,024	...	10,270	...	11,294	...	
Salt	743	...	...	...	743	...	63	...	71	...	134	...	162	...	13,924	...	14,086	...	968	...	13,995	...	14,963	...	
Metals	131	...	...	...	131	...	...	...	1,961	...	1,961	...	3,679	...	50	...	3,729	...	3,810	...	2,011	...	5,821	...	
Building materials	15,487	...	7,320	...	22,807	...	457	...	...	...	457	...	227	...	700	...	927	...	16,171	...	8,020	...	24,191	...	
Miscellaneous goods	3,113	...	4,863	...	7,976	...	7,491	...	811	...	8,302	...	13,006	...	4,878	...	17,884	...	23,610	...	10,552	...	34,162	...	
Firewood	...	...	405	...	405	...	...	...	18,800	...	18,800	...	...	...	...	...	...	...	...	...	19,205	...	19,205	...	
Bamboos	...	...	60,772	1,215,440	60,772	1,215,440	20	400	2,634	52,680	2,654	53,080	...	...	...	...	...	...	20	400	63,406	1,268,120	63,426	1,268,520	
Timber. Poles and unsquared timber.	...	...	6,202	6,202	6,202	6,202	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6,202	6,202	6,202	6,202	
Timber. Karis and squared timber.	...	...	9,287	9,287	9,287	9,287	...	...	309	309	309	309	...	...	...	...	...	...	...	...	9,596	9,596	9,596	9,596	
Timber. Logs	320	16	...	...	320	16	...	...	...	...	...	...	...	...	...	...	...	...	320	16	...	...	320	16	
Miscellaneous timber	5	10	...	...	5	10	467	934	430	860	897	1,794	...	...	...	...	...	...	472	944	430	860	902	1,804	
Live-stock	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Grand Total	23,828	26	93,778	1,230,929	117,606	1,230,955	12,349	1,334	34,374	53,849	46,723	55,183	26,022	...	32,268	...	58,290	...	62,199	1,360	160,420	1,284,778	222,619	1,286,138	
Total during corresponding period of last year.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	67,413	2,708	163,158	1,016,050	230,571	1,018,758	
Increase	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	268,728	...	267,380	
Decrease	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5,214	1,348	2,738	...	7,952	...	

Particulars.	Upper Ganges Canal (local).		Lower Ganges Canal (local).		Upper and Lower Ganges Canals (through).		Total Upper and Lower Ganges Canals.	
	1881.	1882.	1881.	1882.	1881.	1882.	1881.	1882.
Tonnage, including weight of timber and bamboos	...	4,320	...	1,717	...	2,141	8,539	8,178
Ton mileage	...	241,930	...	165,202	...	556,462	915,077	963,594
Value of goods . . . . . Rs.	...	88,919	...	76,625	...	2,17,553	3,52,215	3,83,097
Number of passengers	...	358	...	...	...	38	629	396

ALLAHABAD,
The 29th May 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. & Oudh, P. W. D., Irrigation Branch.

GOVERNMENT OF INDIA

PUBLIC WORKS DEPARTMENT.

IRRIGATION OPERATIONS OF FASL KHARIF IN THE PUNJAB FOR 1882-83 UP TO 30th APRIL 1882.

Canal Division.	Water distributed during April, 1882. Depth in Canal at Regulating Gauge. Full supply.	Actual throughout.	Gross Consumption, cubic feet per second. Estimated full supply.	Actual average throughout.	Navigation return canal. Principal items of traffic. Up.	Down.	Land irrigated (approximate). Zila.	Acres.	Rainfall. Average.	During month.	Chief crops (approximate). Name.	Area in acres.	Remarks.
Bari Doab Canal. 1st Division	4·90	3·10	3,073·6	972·44	...	...	Gurdáspur ...	4,113	0·51	0·40	Sugarcane ...	6,800	2,282 cubic feet per second entered the head of the Bári Doáb Canal, and 208·36 cubic feet per second passed out at the various escapes, leaving 2,073·64 cubic feet per second as actually utilized. There is an increase of 4,435 acres as compared with the corresponding period of last year.
2nd Division, Main Branch, Lower	4·60	2·20		781·66	...	...	Amritsar ...	6,206	0·94	0·80	Cotton ...	3,2[illegible]8	
2nd do., Lahore Branch	3·35	2·00		319·54	...	...	Lahore ...	8,185	0·90	1·20	Rice ...	27	
											Others ...	8,449	
Total Bári Doáb Canal	...	...	3,073·6	2,073·64	...	...	.....	18,504	...	...	.....	18,504	
Corresponding period of last year	...	...	3,073·6	1,792	...	...	.....	14,069	...	...	.....	14,069	
Western Jumna Canal. Karnál Division	4·33	4·39	2,546	224	...	55,578 kurries, bullies, &c., 250 maunds fuel, and 4,617 mds. timber.	Umballa ...	108	0·58	0·15	Sugarcane ...	16,913	The volume entering the Western Jumna Canal was 2,603 cubic feet per second, of which the following was passed through the escapes:— c. ft. Budha Khera Escape . 320; Escape in Delhi Division . 2; Delhi Canal Tail . 30; Total . 352
Delhi do.	5·70	5·56		787			Karnál ...	2,891	0·81	0·76	Cotton ...	425	
Hánsi do.	9·00	8·09		980			Delhi ...	8,389	0·20	...	Rice ...	...	
Do. Bulla Head	8·80	8·01		260			Rohtak ...	4,958	0·25	...	Others ...	1,837	
							Hissár ...	720	0·30	...	.....	...	
							Jhínd ...	2,078	0·30	...	.....	...	
							Bíkaner ...	...	...	...	.....	...	
							Kalsia State ...	31	...	...	.....	...	
Total Western Jumna Canal	...	...	2,546	2,251	...	55,578	.....	19,175	...	...	.....	19,175	There is an increase of 7,817 acres as compared with the corresponding month of last year.
Corresponding period of last year	...	...	2,546	2,123	...	96,229	.....	11,358	...	...	.....	11,358	
Inundation Canals. Upper Sutlej Division	...	...	...	...	...	...	Lahore ...	...	...	...	Detail not available for want of establishment.	...	There is a decrease of 4,744 acres on the Inundation Canals as compared with the corresponding period of the preceding year. Superintending Engineer, however, reports that this will probably be recovered.
Lower Sutlej and Chenab	...	...	...	...	...	...	Montgomery ...	...	0·51	...		...	
Indus Canals	...	...	...	...	...	...	Mooltan ...	19,450	0·33	...		...	
Mozaffargarh Canals	...	...	...	...	...	...	Dera Gházi Khan ...	1,541	0·15	0·70		...	
							Mozaffargarh ...	Not yet known.	...	...		...	
Total Inundation Canals	...	...	...	...	...	...	.....	20,991	...	...	.....	20,991	
Corresponding period of last year	...	...	...	...	...	...	.....	25,735	...	...	.....	25,735	
Perennial Canals Grand Total	...	...	...	...	...	...	.....	37,679	...	...	.....	37,679	
Do., corresponding period of last year	...	...	...	...	...	...	.....	25,427	...	...	.....	25,427	

J. E. CATTON,

Offg. Asst. Secy. to Govt., Punjab, P. W. D., Irrigation Branch.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

STATEMENT OF IRRIGATION OPERATIONS OF THE KHARIF CROP OF 1881-82 IN THE PUNJAB.

STATEMENT No. 1.

IRRIGATION OPERATIONS OF THE KHARIF CROP OF 1881-82.

Comparative Abstract of Irrigation and Rainfall in Canal Districts of the Punjab.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
DISTRICTS.	Area in acres.	Cultivated area in acres.	AREA IRRIGATED.		OVER		RAINFALL IN KHARIF MONTHS.													
							April.		May.		June.		July.		August.		September.		TOTAL.	
			1880-81.	1881-82.	Increase.	Decrease.	1880.	1881.	1880.	1881.	1880.	1881.	1880.	1881.	1880.	1881.	1880.	1881.	1880-81.	18[illegible]
Umballa	1,644,849	951,890	3,994	2,287	...	1,707	0·20	0·40	0·10	1·52	9·76	3·35	12·48	8·17	1·85	11·30	6·48	3·05	30·87	27[illegible]
Karnal	1,533,990	680,319	37,407	36,367	...	1,040	...	0·21	0·28	0·78	10·30	3·74	12·24	8·26	0·70	7·57	4·69	...	28·21	20[illegible]
Rohtak	1,159,350	906,022	27,857	32,626	4,769	...	...	0·15	...	...	1·50	3·10	7·00	10·70	...	5·70	3·85	...	12·35	19[illegible]
Delhi	804,933	525,676	*24,843	28,964	4,121	...	...	0·2	0·10	0·1	1·00	2·2	13·50	11·5	2·80	8·8	8·40	0·6	25·80	23[illegible]
Hissar	2,265,428	1,161,761	28,901	38,963	10,062	...	...	1·2	...	...	2·40	0·4	7·30	7·5	1·70	5·8	1·30	...	12·70	14[illegible]
Jind	...	...	24,062	28,273	4,211	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bikaner	...	...	305	241	...	64	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gurgaon	1,240,366	993,512	602	...	...	602	...	...	...	...	1·3	...	5·3	...	3·5	...	3·6	...	13·7	...
TOTAL W. J. CANAL	8,648,916	5,219,180	147,971	167,721	23,163	3,413	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gurdaspur	1,168,314	856,230	20,713	17,069	...	3,644	...	0·48	0·47	0·95	3·08	7·63	23·43	19·26	2·32	15·33	4·47	1·60	33·77	45[illegible]
Amritsar	1,006,798	766,773	57,887	41,769	...	16,118	...	0·20	...	1·90	3·80	13·20	12·80	23·60	0·40	25·30	1·40	4·90	18·40	69[illegible]
Lahore	2,334,552	1,164,921	72,504	68,035	...	4,469	...	1·10	1·50	0·95	3·90	0·60	9·50	12·20	0·50	6·35	...	...	15·40	21[illegible]
TOTAL B. D. CANAL	4,509,664	2,787,924	151,104	126,873	...	24,231	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Delhi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gurgaon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rohtak	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lahore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Montgomery	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mooltan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dera Ghazi Khan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Shahpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL DELHI AND GURGAON IRRIGATION WORKS AND INUNDATION CANALS.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
GRAND TOTAL†	13,158,580	8,007,104	299,075	294,594	23,163	27,644	...	...	...	...	...	...	...	...	...	...	...	...	...	...

		Acres.
Area irrigated in kharif, 1880-81 ...	...	299,075
Ditto ditto 1881-82 ...	...	294,594
Net Decrease ...		4,481

* This includes 2,701 acres, being the area irrigated by the Najafgarh Jhil in the Delhi District, which in the return for kharif, 1880-81, was shown separately under that work.
† The grand totals of columns 2, 3 and 4 are different to those shown in the return for kharif, 1880-81, due to the omission of the Inundation Canals from the present return.

STATEMENT No. II.

IRRIGATION OPERATIONS OF THE KHARIF CROP OF 1881-82.

Statement in Acres of Corps irrigated in Canal Districts.

DESCRIPTION OF CROPS.	Umballa.	Karnal.	Rohtak.	Delhi.	Gurgaon.	Hissar.	Jind.	Bikaner.	Gurdaspur.	Amritsar.	Lahore.	Montgomery.	Mooltan.	Dera Ghazi Khan.	Shahpur.	Muzaffargarh	TOTAL.
Sugarcane	311	8,676	12,088	12,860	...	267	2,067	...	5,179	5,013	2,507	...	...	...	...	...	48,96[illegible]
Rice	1,915	16,412	2,737	8,812	...	7,019	6,485	...	10,211	14,699	7,164	...	...	...	...	...	75,45[illegible]
Cotton	6	8,500	14,690	3,406	...	22,827	12,826	64	844	7,467	20,401	...	...	...	...	...	91,03[illegible]
Indigo	...	...	...	...	...	...	...	...	...	...	9	...	...	...	...	...	[illegible]
Others	55	2,779	3,111	3,886	...	8,850	6,895	177	835	14,590	37,954	...	...	...	...	...	79,13[illegible]
TOTAL KHARIF, 1881-82	2,287	36,367	32,626	28,964	...	38,963	28,273	241	17,069	41,769	68,035	...	...	...	...	...	294,59[illegible]
TOTAL KHARIF, 1880-81	3,994	37,407	27,857	24,843	602	28,901	24,062	305	20,713	57,887	*72,504	...	...	...	...	...	299,07[illegible]

* For the purpose of comparison the area irrigated by the Bari Doab Canal only is shown, hence the difference between these figures and those given in the return for kharif, 1880-81.

STATEMENT No. III.

IRRIGATION OPERATIONS OF THE KHARIF CROP OF 1881-82.

Statement in Acres of Crops irrigated in Canal Divisions.

DESCRIPTION OF CROPS.	WESTERN JUMNA CANAL.				BARI DOAB CANAL.			Upper Sutlej Division Inundation Canals.	Lower Sutlej and Chenab Division Inundation Canals.	Dera Ghazi Khan Division Indus Canals.	Shahpur Canals.	Muzaffargarh Canals.	TOTAL.
	Karnal Division.	Hansi Division.	Delhi Division.	TOTAL.	1st Division.	2nd Division.	TOTAL.						
Sugarcane	1,216	6,037	29,016	36,269	5,728	6,971	12,699	...	...	...	...	...	48,968
Rice	9,857	16,223	17,300	43,380	11,555	20,519	32,074	...	...	...	...	...	75,454
Cotton	1,067	45,810	15,442	62,319	5,824	22,888	28,712	...	...	...	...	...	91,031
Indigo	...	...	...	...	...	9	9	...	...	...	...	...	9
Others	1,501	17,857	6,395	25,753	8,683	44,696	53,379	...	...	...	...	...	79,132
TOTAL KHARIF, 1881-82	13,641	85,927	68,153	167,721	31,790	95,083	126,873	...	...	...	...	...	294,594
TOTAL KHARIF, 1880-81	15,311	70,757	*61,903	147,971	35,189	115,915	151,104	...	...	...	...	...	299,075

* Includes 3,303 acres on account of the Najafgarh Jhil, which was shown separately under that work in return for kharif, 1880-81.

R. HOME, *Lieut.-Colonel, R.E.,*
Offg. Joint-Secretary to Govt., Punjab, P. W. D., Irrigation Branch.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XX OF 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 21st May 1881.		Total mean length open.	Receipts for week ending 20th May 1882.		Total Receipts from 1st April to 21st May 1881.		Total Receipts from 1st April to 20th May 1882.		Total Increase in 1882-83.	Total Decrease in 1882-83.
			Total.	Per mile open.		Total.	Per mile open.	Total.	Per mile open per week.	Total.	Per mile open per week.		
	Guaranteed.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
27th May 1882	Eastern Bengal ...	176	64,974	369	172	64,220	373	4,38,617	342	4,98,451	406	59,834	...
20th ditto ...	Oudh and Rohilkhand	547	1,01,138	185	547	1,25,059	229	7,82,429	196	8,52,955	218	70,526	...
27th ditto ...	Sind, Punjab & Delhi	676	2,01,823	299	676	2,17,305	321	14,63,556	297	14,29,072	296	...	34,484
20th ditto ...	Madras ...	858	1,19,279	139	858	1,22,787	143	8,57,842	137	9,62,179	157	1,04,337	...
20th ditto ...	South Indian ...	655	63,752	97	655	65,802	100	5,50,580	115	5,44,368	116	...	6,212
27th ditto ...	Great Indian Peninsula	1,448	7,60,596	525	1,447	9,25,583	640	57,08,679	541	68,93,598	667	11,84,919	...
13th ditto ...	Bombay, Baroda and Central India ...	444	3,07,171	692	...	(a)...	...	(b)17,80,252	638	(c)17,55,688	620	...	24,564
	TOTAL ...	4,804	16,18,733	337	4,355	15,20,756	349	1,15,81,955	331	1,29,36,311	376	13,54,356	...
	State.												
27th May 1882	East Indian ...	1,507	9,86,471	655	1,507	8,73,705	580	62,85,505	573	63,98,934	594	1,13,429	...
20th ditto ...	Calcutta and South-Eastern ...	28	2,344	84	28	2,172	78	20,201	99	21,539	108	1,338	...
27th ditto ...	Nalhati ...	27	1,318	49	27	1,358	50	8,854	45	9,948	52	1,094	...
20th ditto ...	Northern Bengal ...	231	33,021	143	233	31,530	134	2,08,453	124	2,62,094	157	53,641	...
27th ditto ...	Tirhoot ...	82	12,030	147	85	16,828	198	91,241	153	1,00,984	167	9,743	...
27th ditto ...	Patna-Gya ...	57	8,381	147	57	9,018	158	72,230	174	76,566	188	4,336	...
27th ditto ...	Muttra-Hathras ...	29	2,931	101	29	2,656	92	18,295	87	19,527	94	1,232	...
27th ditto ...	Cawnpore-Farukhabad	86	5,456	63	86	5,742	67	37,928	60	47,557	78	9,629	...
20th ditto ...	Dildarnagar-Ghazipur	12	1,393	116	12	1,292	108	7,615	87	8,257	97	642	...
27th ditto ...	Rajputana-Malwa ...	1,016	1,80,864	178	1,117	2,17,865	195	13,02,704	176	16,48,982	206	3,46,278	...
20th ditto ...	Wardha Coal ...	45	7,509	167	45	13,043	290	62,505	190	99,034	308	36,529	...
20th ditto ...	Nagpur & Chhattisgarh	76	9,240	122	98	19,568	200	54,438	111	1,57,518	225	1,03,080	...
27th ditto ...	Rangoon and Irrawaddy Valley ...	161	42,799	266	161	30,621	190	2,80,792	239	2,88,488	251	7,696	...
27th ditto ...	Sindia ...	78	6,494	83	75	6,494	87	45,551	88	46,695	87	1,144	...
27th ditto ...	Punjab Northern ...	363	53,243	147	412	58,762	143	5,07,465	192	4,50,549	164	...	56,916
27th ditto ...	Indus Valley and Kandahar ...	660	1,31,484	199	660	86,375	131	8,55,949	178	5,13,247	109	...	3,42,702
27th ditto ...	Muttra-Achneyra ...	...	...	...	23	1,040	45	...	...	8,272	50	8,272	...
	TOTAL ...	2,951	4,98,507	169	3,148	5,04,364	160	35,74,221	167	37,59,257	169	1,85,036	...
	Native States.												
20th May 1882	Bhavnagar-Gondal ...	192	26,392	137	194	27,311	141	1,67,301	120	2,14,222	156	46,921	...
20th ditto ...	Nizam's ...	121	15,246	126	121	16,602	137	1,23,396	140	1,26,079	146	2,683	...
6th ditto ...	Mysore ...	58	2,145	37	...	(a)...	...	(d)11,467	37	(e)27,308	62	15,841	...
	TOTAL ...	371	43,783	118	315	43,913	139	3,02,164	112	3,67,609	128	65,445	...
	GRAND TOTAL ...	9,633	31,47,494	327	9,325	29,42,738	316	2,17,43,845	310	2,34,62,111	334	17,18,266	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	1,02,19,607	146	1,12,61,813	160	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	1,15,24,238	164	1,22,00,298	174	6,76,060	...

(a) Return not received.
(b) Total receipts from 1st April to 14th May 1881.
(c) Total receipts from 1st April to 13th May 1882.
(d) Total receipts from 1st April to 7th May 1881.
(e) Total receipts from 1st April to 6th May 1882.

F. FIREBRACE, *Major, R.E.,*
Under Secretary.

SIMLA, *the 9th June 1882.*

No. XXI OF 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 28th May 1881. Total.	Receipts for week ending 28th May 1881. Per mile open.	Total mean length open.	Receipts for week ending 27th May 1882. Total.	Receipts for week ending 27th May 1882. Per mile open.	Total Receipts from 1st April to 28th May 1881. Total.	Total Receipts from 1st April to 28th May 1881. Per mile open per week.	Total Receipts from 1st April to 27th May 1882. Total.	Total Receipts from 1st April to 27th May 1882. Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
	Guaranteed.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
3rd June 1882	Eastern Bengal ...	176	59,285	337	172	73,016	425	4,97,902	342	5,82,067	416	84,165	...
27th May 1882	Oudh and Rohilkhand	547	98,979	181	547	1,21,515	222	8,81,408	195	9,74,470	219	93,062	...
27th ditto ...	Sind, Punjab and Delhi	676	1,68,412	249	676	2,10,535	311	16,31,968	291	16,39,607	298	7,639	...
27th ditto ...	Madras ...	858	1,09,499	128	858	1,30,394	152	9,67,341	136	10,99,494	157	1,32,153	...
27th ditto ...	South Indian ...	655	72,758	111	655	81,160	124	6,23,338	115	6,25,528	118	2,190	...
3rd June 1882	Great Indian Peninsula	1,448	7,71,221	533	1,447	9,73,972	673	64,79,900	540	78,66,822	668	13,86,922	...
27th May 1882	Bombay, Baroda and Central India ...	444	2,66,220	600	461	2,88,031	625	23,53,642	640	23,33,809	622	...	19,833
	TOTAL ...	4,804	15,46,374	322	4,816	18,78,623	390	1,34,35,499	337	1,51,21,797	386	16,86,298	...
	State.												
3rd June 1882	East Indian ...	1,507	8,63,017	573	1,507	9,23,881	613	71,48,523	573	73,22,229	598	1,83,706	...
27th May 1882	Calcutta and South-Eastern ...	28	2,535	91	28	4,552	163	22,737	98	26,097	115	3,360	...
3rd June 1882	Nalhati ...	27	1,370	51	27	1,393	52	10,224	46	11,298	51	1,074	...
27th May 1882	Northern Bengal ...	231	32,087	139	233	31,280	134	2,40,542	125	2,92,322	154	51,780	...
3rd June 1882	Tirhoot ...	82	12,565	153	85	13,425	158	1,03,807	153	1,12,723	163	8,916	...
3rd ditto ...	Patna-Gya ...	57	7,285	128	57	8,782	154	79,515	169	85,348	184	5,833	...
3rd ditto ...	Muttra-Hathras ...	29	2,591	89	29	2,086	72	20,886	87	21,710	92	824	...
27th May 1882	Cawnpore-Furrackabad	86	5,610	65	86	6,475	75	43,538	61	54,398	78	10,860	...
27th ditto ...	Dildarnagar-Ghazipur	12	1,258	105	12	1,164	97	8,873	89	9,373	96	500	...
3rd June 1882	Rajputana-Malwa ...	1,016	1,95,253	192	1,117	2,25,548	202	14,97,953	178	18,82,24[illegible]	207	3,84,287	...
27th May 1882	Wardha Coal ...	45	7,457	166	45	18,026	401	69,963	188	1,12,188	306	42,225	...
27th ditto ...	Nagpur and Chhattisgarh ...	84	12,065	144	98	19,039	194	66,503	116	1,75,267	220	1,08,764	...
3rd June 1882	Rangoon and Irrawaddy Valley ...	161	31,490	196	161	26,566	165	3,12,282	234	3,16,223	241	3,941	...
3rd ditto ...	Sindia ...	78	5,294	68	75	5,880	78	50,846	85	53,595	87	2,749	...
27th May 1882	Punjab Northern ...	363	53,281	147	412	51,937	126	5,60,748	186	5,02,486	159	...	58,262
27th ditto ..	Indus Valley and Kandahar ...	660	85,784	130	660	1,06,495	161	9,41,733	172	6,33,624	118	...	3,08,109
3rd June 1882	Muttra-Achneyra ...	...	...	...	23	1,197	52	...	...	9,671	52	9,671	...
	TOTAL ...	2,959	4,55,925	154	3,148	5,23,845	166	40,30,154	166	42,98,567	169	2,68,413	...
	Native States.												
27th May 1882	Bhavnagar-Gondal ...	192	23,410	122	194	27,017	139	1,90,711	120	2,39,620	152	48,909	...
27th ditto ...	Nizam's ...	121	13,896	115	121	16,954	140	1,37,293	137	1,40,026	142	2,733	...
6th ditto ...	Mysore ...	58	1,879	32	...	... (a)	...	(b) 11,467	37	(c) 27,310	62	15,843	...
	TOTAL ...	371	39,185	106	315	43,971	139	3,39,471	111	4,06,956	125	67,485	...
	GRAND TOTAL ...	9,641	29,04,501	301	9,786	33,70,320	344	2,49,53,647	313	2,71,59,549	338	22,05,902	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	1,17,28,214	147	1,30,36,584	162	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	1,32,25,433	166	1,41,22,965	176	8,97,532	...

(a) Return not received. (b) Total receipts from 1st April to 7th May 1881. (c) Total receipts from 1st April to 6th May 1882.

SIMLA, *the 17th June 1882.*

F. FIREBRACE, *Major, R.E.,*
Under Secretary.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

ABSTRACT OF THE PROCEEDINGS OF THE COUNCIL OF THE GOVERNOR GENERAL OF INDIA, ASSEMBLED FOR THE PURPOSE OF MAKING LAWS AND REGULATIONS UNDER THE PROVISIONS OF THE ACT OF PARLIAMENT 24 & 25 VIC., CAP. 67.

The Council met at Government House, Simla, on Wednesday, the 14th June, 1882.

PRESENT:

His Excellency the Viceroy and Governor General of India, K.G., G.M.S.I., G.M.I.E., *presiding*.
His Honour the Lieutenant-Governor of the Panjáb, K.C.S.I., C.I.E.
His Excellency the Commander-in-Chief, G.C.B., C.I.E.
The Hon'ble J. Gibbs, C.S.I., C.I.E.
Major the Hon'ble E. Baring, R.A., C.S.I., C.I.E.
Major-General the Hon'ble T. F. Wilson, C.B., C.I.E.
The Hon'ble Sir S. C. Bayley, K.C.S.I., C.I.E.
The Hon'ble C. H. T. Crosthwaite.
The Hon'ble W. C. Plowden.
The Hon'ble W. W. Hunter, LL.D., C.I.E.

PANJÁB UNIVERSITY BILL.

The Hon'ble MR. GIBBS introduced the Bill to establish and incorporate the University of the Panjáb, and moved that it be referred to a Select Committee consisting of His Honour the Lieutenant-Governor, the Hon'ble Messrs. Ilbert, Crosthwaite and Hunter and the Mover. He said :—

"In accordance with the permission which was obtained for me by my hon'ble and learned friend Mr. Ilbert, I now beg to introduce this Bill.

"The Bill has been drawn with as much care as was possible from the information which we have on record; it has also been deemed advisable to follow as closely as we could the form of the Acts already on the Statute-book, and under which the Universities of Calcutta, Madras and Bombay have been founded. The Bill, in accordance with the usual practice, will be printed and published, and we shall no doubt receive the benefit of public criticism upon it.

"There are some points which will doubtless require very considerable care on behalf of the Select Committee, before they arrive at a conclusion on the final form it should take; but these are points which I need not notice in detail on the present occasion.

"The Objects and Reasons published with the Bill will give the public a very general, and at the same time clear, statement of the intention of the Government in bringing in this Bill. My hon'ble and learned friend Mr. Ilbert, in applying for leave to introduce the Bill, shortly stated the circumstances which had led to it, and I do not think that I need now do more than allude to one or two points which have been decided upon since permission to bring in the Bill was granted by the Council.

"Of those points, the first I may mention is that, owing to difficulties of a legal nature which might arise, it has been found necessary to provide in general terms that the University is founded under the patronage of the Governor General, but without stating that the Governor General may be 'patron' or 'visitor.'

"The term 'patron' is not one generally used regarding Universities, while the term 'visitor,' which is a University term, might give rise to some rather difficult and abstruse questions as to the power of a visitor of a University in this country, as compared with Universities at home—especially the Royal University lately established in Ireland.

"With regard to the appointment of Fellows, a further clause has been introduced, providing for some who may be chosen by the Senate and submitted by them to the Chancellor for his approval. This is an advance on what is the law at present with regard to the other Indian Universities; but I think it is a step in the right direction, and it is certainly one regarding which I should

not be surprised if, before long, applications are not made by other Universities to introduce a similar provision. There is a strong feeling that some Fellows should be nominated by the Senate for approval by the Chancellor.

"In the Bombay University, of which I was Vice-Chancellor for nine years, this was to a certain extent arranged by the understanding that the Vice-Chancellor should send in a list of names every year to the Chancellor of those gentlemen who had distinguished themselves particularly with regard to the University, and whose fitness for the position of Fellow was peculiarly known to the Senate and the governing body of the University.

"I would further observe that it was at first suggested, with regard to the appointment of a Chancellor and Vice-Chancellor, that the Governor General should be the Chancellor, and the Lieutenant-Governor the Vice-Chancellor. This was objected to in the Home Department, on the ground that by this means we should have two ornamental officers at the top; while the Vice-Chancellor should in all Universities be the principal guiding officer, and should be chosen from that class of the Fellows who are sure to be present during the greater portion of the year at the seat of the University, and who, therefore, by his constant attendance, will secure the continuity of the work in accordance with the principles on which the University is founded. This, it was considered, would not be the case if an officer to be called the Vice-President of the Senate was to be chosen. His Excellency the Viceroy concurred in this view, and thought—especially as he would in ordinary circumstances be very seldom present to take part in the meetings of the University—it was better for him to take the rôle of Patron to the University, and that, while the Lieutenant-Governor is the proper person to be Chancellor, the Vice-Chancellor should be chosen, as above stated, from those officers who are peculiarly fitted for that post.

"I may also notice that the Bill as drafted certainly does not go into those details which perhaps the public might expect to find in it; but it has been found by experience that it is never advisable to put into a Bill what can be better provided for by rules and bye-laws, which may be made from time to time, and may require alteration.

"If an opposite course were adopted, no trivial alteration could be made in any of those rules and bye-laws without recourse to the Legislative Council, which would be extremely troublesome.

"The consequence is that power is taken in this Bill, as in the other University Acts, to give power to the Senate, with the permission of the Lieutenant-Governor, as Chancellor, and the final sanction of the Governor General in Council, to make bye-laws for meeting all the necessary duties which the University has to carry out, with regard to the appointment of Examiners, the nature of the examinations, the degrees and diplomas which may be acquired, and the manner in which those degrees are to be conferred.

"The only other matter which I need notice is with respect to the appointment of the Select Committee to whom the Bill is to be referred. The names on the list are those of His Honour the Lieutenant-Governor of the Panjáb, and of my hon'ble friends Messrs. Ilbert, Crosthwaite, Hunter, with the Mover.

"The choice has been made of these gentlemen because we think that in the person of the Lieutenant-Governor we shall have an able representative of what is required for the Panjáb; while Mr. Hunter, as specially representing education in general, and the Commission now sitting in particular, will be a most useful member; as will also be Mr. Ilbert, who represents, if I may say so, the English Universities; and Mr. Crosthwaite, whose knowledge of the country and the wants of the people is perhaps not exceeded by any other member of Council."

The Motion was put and agreed to.

The Hon'ble Mr. Gibbs also moved that the Bill and Statement of Objects and Reasons be published in the *Panjáb Government Gazette* in English and in such other languages as the Local Government might think fit.

The Motion was put and agreed to.

The Council adjourned to Wednesday, the 21st June, 1882.

Simla;
The 14th June, 1882.

D. FITZPATRICK,
Secretary to the Government of India,
Legislative Department.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 20th JUNE 1882.

GENERAL REMARKS.—The monsoon has continued to give heavy rain in the extreme south-western tracts of Southern India, including within its range Malabar, Travancore, Coorg, and a portion of the Mysore State. The Madras Presidency generally has continued to receive a fair rainfall, the noticeable points in the week's report being that the Chingleput and Madura districts have received none, while Coimbatore has enjoyed a good fall. In the Bombay Presidency also rain has continued general and has been extremely heavy in parts.

In Central India, the Nizam's Territories have received less rain than in the preceding week, while it has continued copious in the Berars and in most districts of the Central Provinces, especially in Jubbulpore and Sambalpur. Fair rain has also fallen in the Central India and Rajputana States.

In Northern India, Assam and Bengal, including Orissa and Behar, have continued to receive more or less heavy rain; and it has also been more or less general in the North-Western Provinces and Oudh. In the Punjab, where the monsoon seems hardly as yet to have penetrated, a little rain fell in six districts. In British Burma the rains continue heavy, as is usual.

General prospects are favourable throughout the country: ploughing, sowing, and in places the transplanting of young crops, are progressing rapidly, and standing crops are doing well. The only exceptions to the general favourable aspect are the want of more rain in two districts of the Madras Presidency, in parts of the Nizam's Territories, in the Punjab, and in two districts of Assam; and the excess of rain in Coorg and in part of Mysore, and probably in Malabar.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(June 21st)		
Bellary ...	·47 (average of six stations).	Standing crops good; harvest paddy, outturn below average; fever and small-pox in parts.
Kurnool ...	·23 (average of four stations).	Standing sugarcane and indigo require water in parts; agricultural operations progressing; cattle-disease in parts.
Ganjam ...	·70 (average of six stations).	Standing wet and dry crops not thriving for want of rain; small-pox, fever, and cholera prevalent; cattle-disease slightly exists.
Kistna ...	·23 (average of five stations).	Preparation for cultivation progressing; small-pox and cattle-disease in parts.
Chingleput (Madras) ...	.....	Standing crops good; agricultural operations progressing; small-pox and cattle-disease in parts.
Coimbatore ...	1·46 (average of six stations).	Standing crops generally good, but *cholum* attacked by insects in parts; harvest dry grains, outturn about average; small-pox and fever in parts.
Tanjore ...	·20 (average of one station).	Standing crops generally good; harvest paddy, yield below average.
Madura ...	.....	Standing crops fair; cholera and fever in parts.
Malabar ...	13·36 (average of fourteen stations).	Sowing of first crop nearly over in parts; fever, small-pox, cholera, and cattle-disease in parts.
Travancore ...	1·72	Ploughing and sowing over; fever prevalent.
		General Remarks.—No rain in Chingleput and Madura; general prospects fair.
Bombay—(June 21st)		
Kurrachee ...	Slight rain in Sujawal and Shahbandar talukas on 9th.	Fever in seven talukas; river at Kotri on 19th 14¼ feet, against 15 feet 2 inches on corresponding date last year; wheat, red rice, and *bajri* in Kurrachee 22, 36 and 33, in Manjhand 26, 44 and 42, in Mirpur Botoro 22, 54 and 48, and in Sakro 16, 44 and 48 lbs. per rupee, respectively
Hyderabad ...	.....	River rising; *kharif* operations general; days hot, nights cool; fever in three talukas; small-pox in Guni taluka; wheat 25, *juari* 45, *bajri* 40, red rice 34, and white rice 22 lbs. per rupee.
Ahmedabad ...	6·80	Cholera—in the town of Ahmedabad 43 cases, 35 deaths, in Viramgaum 123 cases, 77 deaths; ploughing continues; wheat 26 and *bajri* 29 lbs. per rupee.
Baroda ...	2·30	Total rainfall 5·87; sowing of *kharif* commenced generally; slight cholera in Kadi division, and cattle-disease in the same division and in one taluka of Amreli mahal; *bajri* 29 and common rice 23 lbs. per rupee.
Surat ...	·04	Total rainfall 8·20; sowing progressing; *juari* 35 and *nagli* 51 lbs. per rupee.
Násik ...	Igatpuri, 10·00; Peint, 13·00; Katwan, 7·00; Chandore, 4·00; Dindori, 5·00; Násik, 3·00.	Break since 15th; cotton sown in Malegaon and Nandgaon; pulses sown in places; land being prepared for *bajri*; locusts in places; small-pox abating.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Colaba (Bombay) ...	1·03	Total rainfall 25·38, being 11·11 above average; abnormal temperature rose from 2° cool on 14th to 1° warm on 18th, and then remained steady till end of week; vapour in air normal; abnormal wind from north-west from 14th to 17th; wind normal from 18th to 20th.
Poona ...	Rain in all talukas—maximum in Maval, 9·91; minimum in Indapur, ·19.	Sowing progressing; *bajri* 41 and *juari* 55 lbs. per rupee, in Poona. *bajri* 36¾ and *juari* 43½ lbs. per rupee.
Ahmednagar ...	Rain general—maximum at Parner, 1·87; minimum at Rahuri, ·23; no rain at Karjat.	Sowing of *tussar* crops in progress in all talukas; cattle-disease at Nagar, Parner, Karjat, and Newasa; cholera at Parner, 17 attacks, 6 deaths; *bajri*—maximum 60 lbs. in Jhamkhed, minimum 45 in Kopergaon; *juari* 90 in Jhamkhed and 54 in Kopergaon.
Sholapur ...	Slight rain throughout.	*Kharif* operations commenced; 1 death from cholera in Karmala taluka; *bajri* 54 lbs. 15 tolas; *juari* 73 lbs. 19 tolas per rupee.
Dharwar ...	Rain throughout district—maximum in Hangal, 4·47; minimum in Gadag, ·24.	Sowing of *kharif* crops going on vigorously; public health good; rice 22 and *juari* 56 lbs. per rupee.
Kanara ...	Karwar, 1·60; total, 33·36; Kumpta, 12·89; Hallyal, 7·86; rainfall heavy in district except in Karwar.	Rice plants healthy; sowing operations continue above ghât; small-pox slight in Bhadkal Sidapur, and Sirsi; cattle-disease and fever subsiding; common rice in Karwar 12 seers, in district average 13 seers per rupee; weather fine.
Rajkot ...	.....	Weather hot and cloudy; cholera in many talukas; *bajri* 24 and *juari* 28 lbs. per rupee.
		General Remarks.—*Kharif* operations in progress throughout Presidency; rain general, heavy in a few places; slight fever and cattle-disease continue in a few districts; cholera in Belgaum, Kaladgi, Satara, Ahmednagar thana, Ahmedabad, and parts of Kathiawar.
Bengal—(June 21st)—		
Chittagong ...	13·72	Weather seasonable; prospects of crops good; transplanting of autumn rice continues; prices steady; cholera, small-pox, and cattle-disease still prevalent.
Dacca ...	8·67	Jute and rice growing fast; sugarcane promising; health generally good.
24-Pergunnahs (Calcutta)	1·4	Prospects fair; early crops and winter rice in low lands being sown; prices of common rice everywhere stationary, except in Barripur sub-division where a slight rise has taken place; health of people and cattle generally good; a few cases of fever reported from Dum-Dum.
Moorshedabad ...	11·75	Prospects of crops continue good, and much benefited by rain; cultivation progressing briskly everywhere; public health generally good.
Rajshahye ...	Rajshahye, 2·91; Nator, 7·64.	Prospects of crops favourable; cholera abating; fever as before; price of rice unchanged.
Burdwan ...	3·72	Sufficient rain all over the district; prospects favourable; winter rice being sown, and early rice transplanted; sugarcane good; health fair.
Rungpore ...	3·81	Weather showery; prospects of crops good; sowing of winter rice progressing; cholera abated; public health good.
Bhagálpur ...	4·56	Prospects of crops good; rice and Indian-corn coming up well.
Purneah ...	4·57	All crops promise well; weeding delayed by rain; health fair; rivers rising.
Patna ...	4·06	Sowing of rice and autumn crops progressing; cholera still prevalent throughout the Behar sub-division, and small-pox only in thana Behar.
Durbhunga ...	2·20	Weather very hot and cloudy; crop prospects good; cholera less virulent in town, but more extended in the interior.
Hazáribágh ...	2·00	Weather cloudy and seasonable; prospects of autumn crops good; sowing progressing; general health good.
Cuttack ...	1·19	Sowing almost completed; transplanting commenced; cholera abated, except in Jajpur town.
		General Remarks.—Rain in all districts during the week, sufficient for present agricultural purposes; ploughing for late rice and sowing of early crops proceeding favourably, in some places sowing of late and transplanting of early rice have commenced; sugarcane, indigo, and jute growing well; cholera generally abated, but still prevalent in some places; sporadic cases of small-pox and cattle-disease still reported from a few districts; fever reported from Nuddea, Rajshahye, and Darjeeling Terai.
N. W. Provinces and Oudh—		
Benares (June 20th)	2·2 in Benares; 3·1 in Chandausi; 3·8 in Gungapur.	Rains appear to have set in; ploughing for the *kharif* harvest has commenced; health of men and cattle generally good; cholera decreasing; bazars well supplied with food-grains; prices steady.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—*contd.*		
Cawnpore (June 20th)	Average over 9·2	Sowings of *kharif* crops commenced; indigo and sugarcane thriving; health good; prices steady.
Allahabad („ 21st)	Rain abundant; average 5·9.	Ploughing and sowing everywhere in progress; cholera much diminished in the district, a few sporadic cases in Allahabad city; prices stationary.
Gorakhpur („ 20th)	Rains began on the 15th.	Very cloudy, with strong east wind; cholera in parts of the district; sowings commenced; prices slightly risen.
Jhánsi („ 19th)	From 6·3 in pargana Jhánsi to 1·2 in pargana Garotha.	Ploughing and sowing begun; prices stationary; small-pox amongst children continues; health otherwise good; cattle-disease disappearing.
Agra („ 20th)	Rain in all parganas from 0·1 to 1·7.	*Kharif* ploughings and sowings continue; fever and small-pox continue in city and two parganas; general health good; prices rising.
Farukhabad („ „)	General rain, varying from 2·5 to 5·2.	Ploughing for *kharif* commenced; prices much the same as last week.
Bareilly („ „)	Rains continue in showers.	Rain favourable for sowings, which are progressing; general health good.
Meerut („ „)	0·1 at Hapur; ·50 at Sardhana; drizzle at Meerut.	Weather cloudy, close, and muggy; *kharif* ploughing going on; cotton and rice sown; supplies sufficient; prices stationary; health of man and cattle good.
Kumaun („ „)	Steady rain throughout week.	Sunshine wanted; few cases of small-pox reported and mild measles prevalent; cattle-disease still in parts; prices stationary.
Lucknow („ „)	Sadr, 3·4; Maliabad, 4·9; Mohanlalganj, 2·7.	Sky cloudy; ploughing operations in progress; supplies sufficient; prices stationary; cholera still reported in city.
Rae Bareli („ 19th)	Sadr, 4·9; Digbijaiganj, 2·0; Dalmaun, 3·6; Salon, 6·3.	Weather cloudy, and every prospect of more rain; cholera continues in two tahsils; prices almost steady.
Partabgarh („ 20th)	Rain general throughout the district.	*Kharif* sowings commenced; prices steady; cholera continues about the same.
Sitapur („ „)	3·1	Sky cloudy, more rain likely, wind easterly.
Fyzabad („ „)	1·3	Sowing of rice, *kodo*, and *arhar* commenced; cholera decreasing.
		General Remarks.—General rain throughout the provinces; *kharif* ploughing and sowing everywhere in progress; bazars well supplied; prices rising in Gorakhpur, Agra, and Saharunpur; cholera continues in Gorakhpur, Lucknow, Rae Bareli and Partabgarh, and decreasing in Benares, Fyzabad and Allahabad; small-pox reported from a few districts; cattle-disease continues in Kumaun and is disappearing in Jhánsi.
Punjab—(June 20th)		
Delhi ...	No rain	Health fair; prices generally steady.
Hissar ...	Heat intense	Rain wanted; health good; prices rising.
Umballa ...	No rain	Rain wanted; land being prepared for *kharif* sowings; prices of food-grains gradually rising.
Jullundur ...	No rain	Health good; prices stationary.
Amritsar ...	·10	Slight fever; slight rise in prices of gram and barley.
Sialkot ...	·50	Health good; prices steady.
Lahore ...	No rain	Health good; prices stationary.
Ferozepore ...	·90 in district	Health good; crops harvested; prices steady.
Rawalpindi ...	·80	*Kharif* sowings in progress; fever in station; slight rise in prices of maize and gram.
Mooltan ...	·20	*Kharif* crops flourishing; health good; prices steady.
Dera Ismail Khan ...	·30	Health good; *kharif* sowings completed; prices rising.
Peshawar ...	No rain	*Kharif* sowings commenced on irrigated lands; slight rise in prices of barley and gram.
		General Remarks.—Rain has fallen in the Amritsar, Sialkot, Ferozepore, Rawalpindi, Mooltan, and Dera Ismail Khan districts; health generally good; slight fever reported in Amritsar and Rawalpindi; prices of food-grains generally show a tendency to rise.
Central Provinces—		
Nagpur (June 21st)	1·79	Weather windy; preparation of land for *kharif* in a forward state; health good; prices steady.
Jubbulpore ...	15·48	Weather cloudy; ploughing retarded; small-pox and cholera still prevalent; rice 12 and wheat 16 seers per rupee.
Saugor ...	4·36	Rain general; weather windy; *kharif* sowings commenced; health good; prices steady.
Seoni ...	1·73	*Kharif* sowings in progress; cholera and small-pox prevalent; rice 15 and wheat 18 seers per rupee.
Hoshangabad ...	3·69	*Kharif* sowings commenced; small-pox prevalent; rice 9, wheat 14, and *juari* 21 seers per rupee.
Khandwa (June 20th)	4·73	Weather cool and cloudy; *kharif* sowings continue; small-pox prevalent; wheat 15 and *juari* 24 seers per rupee.
Raipur („ 17th)	Constant rain	Weather cloudy; rice sowings vigorously pushed on; health generally good; few cases of cholera; rice 40 and wheat 28 seers per rupee.
Sambalpur („ 15th)	15·94	Monsoon burst with force on 10th; rice sowings commenced; health good; rice 52 seers per rupee.
		General Remarks.—Weather cloudy, attended with rain, heavy showers in several districts; preparation of land for *kharif* in forward state and sowings commenced; cholera still prevalent, particularly in the Jubbulpore, Seoni, and Damoh districts; prices continue easy.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
British Burma—(June 17th)		
Akyab ...	37·77	Total rainfall 63·46; 1 death from small-pox in town and 1 in interior, otherwise public health good; cattle-disease severe in two townships; ploughing commenced in some places.
Rangoon ...	2·89	Corrected total rainfall to date 17·99; 3 deaths from cholera, otherwise public health good.
Bassein ...	13·22	Total rainfall 36·92; public health good; cattle-disease in two townships; ploughing commenced.
Prome ...	1·54	Total rainfall 9·49; public health good.
Amherst ...	19·38	Total rainfall 59·13; 1 case of cholera in district, otherwise public health good; cattle-disease still prevalent in two townships.
Toungoo ...	5·62	Total rainfall 18·56; 4 cases and 1 death from small-pox in town, otherwise public health good; 3 deaths from cattle-disease in one township.
		General Remarks.—Excepting a few cases of cholera and small-pox, public health good; cattle-disease continues in Akyab and Amherst, slightly in some other districts; rainfall generally abundant.
Assam—(June 21st)		
Gauhati ...	2·16	More rain wanted; cholera still in the interior; crops doing well.
Sylhet ...	6·44	*Murali* harvest commencing; cultivation of other kinds of paddy proceeding rapidly; cholera decreasing; small-pox still reported; tea doing well.
Cachar ...	5·62	Weather cloudy and sultry, with occasional heavy showers; sowing of crops continues; common rice 25¾ seers per rupee; 2 deaths reported from cholera in Silchar and 16 from Lakhimpur.
Dibrugarh ...	1·46	Weather warm; more rain wanted; ploughing for *sali dhan* in progress; cattle-disease still reported; public health generally good, but some cases of small-pox and cholera in the north of the Lakhimpur sub-division; no fresh cholera cases reported from the Sadr sub-division.
Mysore and Coorg—(June 21st)		
Bangalore ...	·26	Crops in good condition; prospects favourable.
Mysore ...	·08	Crops in good condition; prospects good.
Mercara	17·62	The heavy rain was proving most disastrous and caused the death of numbers of cattle exposed to it; the break in the monsoon which took place on the 19th is most beneficial for agricultural operations; rice-fields are being ploughed and paddy sown; the *ragi* crops in the Naujarajapatana taluk is now well above the ground; coffee seedlings are being planted; prospects good; public health good.
		General Remarks.—Rain has fallen throughout the province of Mysore, especially towards the west where the excessive rain and high winds are causing inconvenience; crops generally in good condition; prospects favourable; prices satisfactory; in Bangalore *ragi* 25½ seers per rupee, in Mysore 21 seers, and in Chitaldrug 32 to 40 seers; public health generally good; a few sporadic cases of cholera in Yedalore and Ashtagram taluks in Mysore district; fever and murrain prevailing more or less throughout the province.
Berar & Hyderabad—(June 21st)		
Amráoti ...	3·10	Weather warm and windy; cotton plants above ground; wheat 18 and *juari* 36 seers per rupee.
Akola ...	2·97	*Kharif* sowings continue.
Hyderabad ...	·46	Ground for coming *kharif* crops being still prepared; sowing delayed owing to break in weather; health in general improving; prices—wheat 16, rice 9½, white *juari* 22, yellow *juari* 27½, and *urd* 27¾ seers per halli sicca rupee.
Central India States—(June 21st)		
Indore ...	1·42	After an unusually heavy fall of rain there is a break, which was much required; sowing operations in active progress; health good; weather cool and pleasant.
Morar (Gwalior) ...	1·70	Prices steady; health good.
Sutna ...	26·38	Weather cloudy; health good; cholera at Rewah.
Rutlam ...	.....	No report received.
Neemuch ...	1·87	Public health good.
Goona ...	·85	Weather cloudy; health good.
Bhopal ...	1·63	Weather cloudy; health and prospects good.
Agar ...	3·19	Sowing operations commenced; health good.
Nowgong ...	6·44	Public health good; cholera reported in Baoni.
Manpur ...	Heavy and continuous rain on 13th, 14th, and 15th.	Sowing of *makka* interrupted; prices somewhat higher.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Rajputana—		
Abu (June 21st)	.....	High south and westerly wind; weather cloudy and monsoonish.
Sirohi ...	·80	Tanks dry; health fair; wells good; high winds prevail.
Marwar (June 16th)	·16	Plenty water in tanks; health good; weather cloudy and close, intense heat; winds variable; ample indications of rain; prices rising.
Meywar („ 17th)	2·03	Tanks and wells good; health fair; some fever; sowings commenced; weather cloudy.
Harowti („ „)	Deoli, 2·98; Kotah, 4·35; Shahpura, 4·51; Tonk, 2·87.	Previous week ·23; health about Deoli still indifferent, elsewhere good; weather cloudy and cool; ploughing commenced; prices slightly fallen.
Jhallawar („ 14th)	2·71	Small-pox disappeared.
Ajmere („ 20th)	·02	Weather cloudy; local outbreak of cholera.
Jeypore („ „)	Slight rain	Winds variable; prices somewhat higher; preparations for *kharif* sowings going on; few sporadic cases of cholera and small-pox in districts.
Bhurtpore ...	.....	No report received.
Ulwur (June 21st)	Over 2 inches of rain on 14th; none since.	*Kharif* sowings progressing; health good.
Nepal—(June 15th)		
Katmandu ...	3·63	Weather hot and oppressive.

E. C. BUCK,
Secy. to the Govt. of India.

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№ 26.} SIMLA, SATURDAY, JULY 1, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

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SUPPLEMENT No. 26.

PART I.

Government of India Notifications, Appointments, Promotions, &c.

HOME DEPARTMENT.

NOTIFICATIONS.—ESTABLISHMENTS.

Simla, the 29th June 1882.

No. 270.—With reference to Home Department Notification No. 139, dated 13th April 1882, the following Despatch from Her Majesty's Secretary of State for India is published for general information:—

PUBLIC, No. 66.

INDIA OFFICE; *London, 31st May 1882.*

To His Excellency the Most Hon'ble the Governor General of India in Council.

MY LORD MARQUIS,—I have to acknowledge the receipt of your despatch of the 25th ultimo, No. 21, and in reply to inform Your Excellency in Council that Her Majesty has been pleased to approve the appointment of Mr. Augustus Rivers Thompson, C.S.I., C.I.E., to be Lieutenant-Governor of Bengal.

I have, &c.,

(Sd.) HARTINGTON.

JUDICIAL.

The 28th June 1882.

No. 903.—Under the provisions of Section 5 of Act XVII of 1877 (The Punjab Courts Act, 1877), the Governor General in Council is pleased to appoint Mr. R. T. Burney, C.S., Commissioner and Superintendent, Lahore Division, to officiate as a Judge of the Chief Court of the Punjab during the absence on privilege leave of Mr. J. W. Smyth, C.S., or until further orders.

The 29th June 1882.

No. 905.—The services of Major H. C. Creak, attached to the 5th Bengal Cavalry, are placed temporarily at the disposal of the Government of Bengal, with effect from the 8th July 1882, for employment as Officiating Cantonment Magistrate, Barrackpore.

The 30th June 1882.

No. 912.—The Hon'ble J. F. Norris, Q.C., Barrister-at-Law, took his seat as a Judge of the High Court of Judicature at Fort William in Bengal on the afternoon of the 17th instant.

ECCLESIASTICAL.

The 29th June 1882.

No. 128.—Her Majesty's Secretary of State for India has appointed the Reverend John Moulson, B.A., to be a Junior Chaplain on the Bengal Ecclesiastical Establishment to fill an existing vacancy.

PATENTS.

The 26th June 1882.

No. 641.—Specifications of the undermentioned inventions have been filed, under the provisions of Act XV of 1859, in the Office of the Secretary to the Government of India in the Home Department. Copies have been sent to one of the

Secretaries to each of the Governments of Bengal, Fort St. George, Bombay, and the North-Western Provinces. A copy of every specification is open to public inspection, at all reasonable hours, at the Office of the Secretary to the Government of India in the Home Department at the Presidency, upon payment of a fee of one rupee. A certified copy of any specification will be given to any person requiring the same on payment of the expense of copying :—

No. 157 of 1881.—James Nelson, of Cachar, Tea Planter, for an improved machine for rolling tea leaf.

No. 8 of 1882.—The Jerome Automatic Packing Company, "Limited," of 8, Union Court Chambers, Old Broad Street, City of London, England, for improvements in piston rod packings.

No. 16 of 1882.—Richard Olpherts, of Ardee, Ireland, Esquire, for improvements in the manufacture of indigo, and in the means or apparatus employed therein.

No. 37 of 1882.—George Westinghouse, Junior, of Canal Road, Kings Cross, in the County of Middlesex, England, for improvements in pneumatic brake apparatus for railway trains.

No. 60 of 1882.—Allan McDougall Clark, Merchant of Calcutta, for lessening the consequences that may result from the axles of railway or other vehicles breaking whilst in motion, and for so constructing them that the risk of breakage will be reduced.

No. 68 of 1882.—John Frederick Maclaren, of Mackay, in the Colony of Queensland, Auctioneer, for improvements in the construction of vacuum pans.

No. 69 of 1882.—Emile Melosch, of Port Canning, Manager of the Port Canning Rice Mill, for improved process for decorticating, cleaning, preparing, dressing, and separating the fibre of the bark of the papya tree whilst in a green state.

No. 75 of 1882.—Raoul Pierre Pictet, of Geneva, in the Republic of Switzerland, for improvements in the manufacture of ice for domestic use.

No. 76 of 1882.—John Jameson, of Newcastle-upon-Tyne, England, Consulting Engineer, for improvements in incandescent electric lamps.

No. 77 of 1882.—James Alfred Briggs, resident of Surat, in the Presidency of Bombay, in the Empire of India, and James Franklin, resident of Bombay, in the Presidency of Bombay, in the Empire of India, for improved arrangements applicable to machinery for making fabrics of cotton and other material.

No. 79 of 1882.—Robert Sievers Cunningham, of 122, Cannon Street, in the City of London, Iron Merchant, Charles Arthur Frederick Vinkeles-Houssart, of 72, Lichfield Road, Bow, in the County of Middlesex, and William May, of 20, Broughton Street, Battersea, in the County of Surrey, Engineer, for improvements in tramways.

No. 80 of 1882.—Rankin Kennedy, of Paisley, in the County of Renfrew, North Britain, for improvements in the generation, collection, and distribution of electro-magnetic currents, and in the apparatus employed therein.

A. MACKENZIE,
Secy. to the Govt. of India.

REVENUE AND AGRICULTURAL DEPARTMENT.

NOTIFICATIONS.—SURVEYS.

Simla, the 30th June 1882.

No. 229*S*.—Mr. H. B. Medlicott, Superintendent of the Geological Survey of India, is granted two months and thirty days' privilege leave, under Section 71, Chapter V, of the Civil Leave Code, from the 22nd July next, or any subsequent date he may avail himself of it.

No. 230*S*.—Mr. R. Bruce Foote, Deputy Superintendent, is appointed to hold charge of the current duties of the Office of the Superintendent of the Geological Survey during the absence on leave of Mr. Medlicott, or until further orders.

E. C. BUCK,
Secy. to the Govt. of India.

FOREIGN DEPARTMENT.

NOTIFICATIONS.—GENERAL.

Simla, the 30th June 1882.

No. 1084 *G.G.*—Mr. W. B. Jones, B.C.S., Commissioner of the Hyderabad Assigned Districts, is appointed to be Resident at Hyderabad, with effect from the date of assuming charge, *vice* Sir S. C. Bayley, K.C.S.I., C.I.E., B.C.S.

No. 1086 *G.G.*—The services of Major H. M. S. Magrath, M.S.C., 1st Assistant Commissioner of Coorg, are replaced at the disposal of the Home Department, with effect from the 9th June 1882.

No. 1089 *G.G.*—Surgeon James Clarke, I. M. D., 3rd Bengal Native Infantry, is appointed to the medical charge of the Bundelkhund Political Agency, in addition to his other duties, with effect from the forenoon of the 12th May 1882.

No. 1091 *G.G.*—Mr. H. E. J. Fitzpatrick is appointed to officiate as an Extra Assistant Commissioner of the 5th Class in the Hyderabad Assigned Districts during the absence on privilege leave of Mr. J. H. Burns, Extra Assistant Commissioner of the 1st Class, or until further orders.

POLITICAL.

The 29th June 1882.

No. 387 *I.P.*—The Governor General in Council is pleased to direct the publication of the following agreement, by which the villages of Gabat, Waniad, Bayar, and Choila have been ceded to the Maharaja of Edur, with effect from the 2nd of November 1881 :—

Agreement between the British Government and His Highness the Maharaja of Edur.

WHEREAS the villages specified in the Schedule hereto annexed and situated in the Ahmedabad Collectorate in the Presidency of Bombay have been since the year 1818 A.D. and now are part

of British India, but the Edur State has received a share of the revenue of the said villages; and whereas a certain annual sum of Rs. 1,600 is payable by the British Government to the said State as compensation for the loss of certain salt dues on the Marwar frontier of the said State which were relinquished by the said State at the request of the said Government; and whereas the said Government and the said State, being desirous of separating their interests in the revenues of the said villages and providing for payment of the compensation payable as aforesaid, have agreed that the said State shall grant and transfer to the said Government its share in the revenues of the villages specified in Part A of the said Schedule, and that the said Government shall cede and grant to the said State the villages specified in Part B of the said Schedule; and whereas the Secretary of State for India in Council has, by order of Her Majesty the Queen of Great Britain and Ireland and Empress of India, sanctioned the cession of the villages specified in Part B of the said Schedule: Now it is hereby witnessed that—

(1) His Highness the Maharaja of Edur doth hereby grant and transfer to the Governor General of India in Council all his rights, interests, and share to and in the revenues of the villages specified in Part A of the Schedule hereto annexed.

(2) The Governor General of India in Council, with the sanction hereinbefore recited, doth hereby cede and grant to His Highness the Maharaja of Edur, his heirs and successors, the villages specified in Part B of the Schedule hereto annexed, to hold the same on the terms and subject to the rules and conditions on which he holds the rest of his territory; and the said villages shall cease to be part of British India and shall become part of the Edur State on and from the second day of November 1881.

(3) His Highness the Maharaja of Edur doth hereby for himself, his heirs and successors, promise and agree that he and they will respect and protect all existing rights in the villages hereby ceded (and in particular the rights of the Thakoor of Jabut in the village of Jabut).

And whereas the Thakoor of Man is at present in possession of the share in the revenues of the village of Punsri (being one of the villages specified in Part A of the Schedule hereto annexed), which share has been hereby transferred by the said State to the said Government. And whereas such share is valued at Rs. 742 per annum, and it is desirable that the said State should compensate the said Thakoor for the loss of the said share.

(4) It is hereby agreed that the said State shall grant to the Thakoor of Man, in lieu of the share in the revenues of the village of Punsri, of which he is at present in possession, land yielding an annual revenue of not less than Rs. 742 in some village in the said State convenient to both parties. And whereas the amount of revenue to be received annually by the said State under the cession of territory hereby made to it will exceed by the sum of Rs. 672 per annum the amount now annually payable to the said State on account of its share in the villages mentioned in the said Schedule and of the compensation hereinbefore referred to, and it is desirable that some arrangement should be made for the annual payment by the said State to the said Government of the said excess sum of Rs. 672.

(5) It is hereby agreed that the said Government shall, without regard to the amounts actually collected from any of the said villages, deduct annually the sum of Rs. 672 from the compensation payable by the said Government to the said State for the suppression of its transit duties, and the sum so deducted shall be taken by the said Government in payment of the said excess sum of Rs. 672.

(Sd.) MAHARANI SHRI JHALIJI,
For His Highness the Maharaja of Edur.

MAHIKANTA AGENCY;
The 2nd November 1881.
At Camp Edur.

(Sd.) CHARLES WODEHOUSE, *Major,*
Political Agent, Mahikanta.

(Sd.) RIPON,
Viceroy and Governor General of India.

This Agreement was ratified by the Governor General of India in Council at Calcutta on the sixth day of December 1881 A.D.

(Sd.) CHARLES GRANT,
Secretary to the Government of India,
Foreign Department.

SCHEDULE,

Being accompaniment to Agreement between the British Government and His Highness the Maharaja of Edur, executed on the 2nd November 1881 between Major Charles Wodehouse, Political Agent, Mahikanta, on behalf of the former, and Maharani Shri Jhaliji, mother of the present Maharaja, on behalf of the latter.

Part A.

Names of villages, the rights, interests and share belonging to the Edur State, to and in the revenues of which are granted and transferred to the Governor General of India in Council by His Highness the Maharaja of Edur for himself, his heirs and successors :—

(1) Morasa.
(2) Harsol.
(3) Gambhirpur.
(4) Umed-ni-Muwadi.
(5) Gulab-ni-Muwadi.
(6) Sultanpur.
(7) Punsri.

Part B.

Names of villages ceded and granted to His Highness the Maharaja of Edur for himself, his heirs, and successors by the Governor General of India in Council with the sanction of the Secretary of State for India in Council by order of Her Majesty the Queen of Great Britain and Ireland and Empress of India :—

(1) Gabat.	(3) Bayar.
(2) Waniad.	(4) Choila.

(Sd.) MAHARANI SHRI JHALIJI,
For His Highness the Maharaja of Edur.

CAMP EDUR;
The 2nd November 1881.

(Sd.) CHARLES WODEHOUSE, *Major,*
Political Agent, Mahikanta.

C. GRANT,
Secy. to the Govt. of India.

DEPARTMENT OF FINANCE AND COMMERCE.

NOTIFICATIONS.

Simla, the 10th June 1882.

No. 1622.

RESOLUTION—By the Government of India, Department of Finance and Commerce.

Read—

Despatch from the Secretary of State for India, No. 288, dated 15th September 1881, in which, with reference to the case of Mr. C. E. S. Steele, a Revenue Deputy Collector in the Sind Commission, who was for some time employed under the Government of the Transvaal, the Secretary of State has decided that Mr. Steele cannot be relieved from the usual deduction of one-fifth of his salary under the Transvaal State as contribution to the Government of India towards pension. In this Despatch the Secretary of State desires the Government of India to consider whether the rate of contribution required to be made by officers lent for service under Foreign Governments is not unnecessarily high, and whether it might not be diminished.

RESOLUTION.—Under the Rules in Chapter III of the Civil Pension Code, an Officer of the British Government transferred to Foreign Service is required to pay to the Government of India a contribution out of the salary which he receives while in Foreign Service to meet the cost of his pension and leave allowances exclusive of allowances while on privilege leave. "Foreign Service" includes service under a Native State, Municipality, Port Trust, Court of Wards, or other Body financially independent of the Government of India. It also includes service which is paid for from a Local Fund under such circumstances that it does not qualify for pension and leave under the Rules in the Civil Pension and Leave Codes. The rate of contribution is fixed at 20 per cent. of the gross salary which the Officer receives in Foreign Service, the calculation of his pension and leave allowances being made upon 4-5ths of such salary. The contribution is thus equal to 25 per cent. of the net pay upon which the Officer's pension and leave allowances are calculated. This rate applies to all Officers, whether Military Officers, Covenanted Civil Servants, or Uncovenanted Officers; but it is specially provided in the case of a Native of India, who is not a Covenanted Civil Servant, that, by resigning all claims to leave allowances from the Government of India in respect of his Foreign Service, he may contribute for pension only.

2. The present rules also provide for the payment of contribution by an Officer whose services are lent for other than Imperial purposes, either in England, or in a British Colony or to a Foreign State; but, except as regards service under the Egyptian Government, the precise amount of contribution in this case is not fixed. The contribution in each case is determined by the Government of India, as occasion arises, the maximum contribution, however, being 20 per cent. of the salary received in such Foreign Service.

3. The contribution of 25 per cent. on net pay referred to above includes about 12½ per cent. on account of pension. The Governor General in Council

has no reason to suppose that the rate of contribution for pension has been fixed at an unduly high figure in the case of Covenanted Civil Servants. The contribution on account of allowances while on leave is, however, unduly high, and consequently the general rate of 25 per cent. on net pay is capable of reduction to some extent in the case of all officers. Statistics recently compiled show that the average percentage of Officers of the Covenanted Civil Service on leave other than privilege leave is 14·38. In the case of Uncovenanted Officers, the percentage is still less. On this consideration, and also in view of the present arrangements for the extension of local self-government, in connection with which the Government of India is desirous of facilitating in every reasonable way the lending of Officers to Local Bodies without forfeiture of pensionary rights by the Officers, the Governor General in Council is of opinion that the contribution for pension and leave required to be paid to the Government of India by an Officer of the British Government, who is transferred either to "Foreign Service" as defined in page vii of the "*Definitions*" preceding the Codes of the Financial Department, or whose services are lent for other than Imperial purposes, either in England, or in a British colony or to a Foreign State, shall in future be made—

(*a*) if the Officer be a Covenanted Civil Servant,—at the rate of $16\frac{2}{3}$ per cent. (one-sixth) on the gross salary which he receives from his foreign employers;

(*b*) in the case of all other Officers,—at the rate of $14\frac{2}{7}$ per cent. (one-seventh) on the gross salary which the officer receives from his foreign employers: provided always that the contribution from an Uncovenanted Officer shall in no case exceed Rs. $166\frac{2}{3}$ a month.

Where a higher rate of contribution is now paid, the rate shall, for the future, be reduced as above; but it must be understood that in all such cases the gross salary will now be readjusted in such manner as to leave the officer the same net salary which he at present receives.

4. The payment of contributions at the rates now fixed will entitle the Officer to receive from the Government of India, at the proper time, pension and leave allowances (except allowances during privilege leave) in respect of the period of his employment in Foreign Service, &c.; the calculation of pension and leave allowances will be made upon the balance of the salary which remains to the Officer after payment of the prescribed contribution.

5. A Native of India, not being a Covenanted Civil Servant, may, by resigning all claims to allowances from the British Government during leave in respect to the period of his employment in Foreign Service, &c., contribute for pension only. In such case the contribution shall be one-eleventh of the salary which he receives from his foreign employers, and shall not exceed Rs. 100 a month.

6. These Rules are not intended to interfere with the cases of Officers which are specially provided for in Section 10 of the Civil Pension Code (*a*) to (*f*). Nor does His Excellency in Council think, by reason of the foregoing change in the rate of contribution in the case of Superior Officers, that any change is necessary in respect of inferior servants, whose case is provided for by Rule 4 under Section 8 of the Civil Pension Code.

ORDERED, that this Resolution be communicated to the several Departments of the Government of India; the several Local Governments; the Comptroller General, and all Accountants General.

No. 1623.

RESOLUTION—By the Government of India, Department of Finance and Commerce.

Read the following papers regarding the question whether Municipalities may not be properly held liable to bear a share of pensions or gratuities granted for service partly paid from Municipal and partly from Government Funds:—

Circulars in the Home Department, Nos. 1—7 and 8, and 1—9 to 15, dated 6th January 1881.

Letter from Chief Commissioner, Assam, No. 165, dated 22nd January 1881.

Letter from Chief Commissioner, Coorg, No. 1418-94, dated 3rd February 1881.

Letter from Government, North-Western Provinces and Oudh, No. 196, dated 8th February 1881.

Letter from Chief Commissioner, Central Provinces, No. 1061-48, dated 31st March 1881.

Letter from Government, Madras, No. 627, dated 12th April 1881.

Letter in the Home Department to Government, Madras, No. 87, dated 21st May 1881.

Letter from Government, Madras, No. 1178, dated 25th June 1881.

Letter from Government, Punjab, No. 1835, dated 4th July 1881.

Letter from Chief Commissioner, British Burma, No. 6171-38, dated 6th September 1881.

Letter from Resident, Hyderabad, No. 409, dated 26th October 1881.

Letter from Government, Bombay, No. 3600, dated 29th October 1881.

RESOLUTION.—The question which requires to be dealt with in connection with the papers read above refers to service rendered by an Officer partly under a Municipality and partly under Government at the same time. The case of a Government Officer lent to a Municipality who desires to retain his lien on Government service and his right to pension, is already provided for in the Rules in Chapter III of the Civil Pension Code.

2. The Governor General in Council observes that there are at present no rules under which the service of an Officer who is paid at the same time partly from Municipal funds and partly from Government funds, qualifies for pension and leave. And there is a difficulty in making such rules without change in the law, so as to empower Municipal Boards to pay pensions and leave allowances out of the funds at their disposal.

3. The measures about to be taken in furtherance of the recent policy of Government regarding local self-government, will lead to the necessity of Municipalities availing themselves of the services of Government Officers to a greater extent than is now the case; but while the existing rules, modified as in Resolution No. 1622 of 10th June 1882, will cover the cases of all Officers whose services are wholly lent to Municipalities, Officers of Government who devote only a part of their time to the performance of municipal duties will be at a disadvantage by reason of their pay in the service of Municipalities not being, under the present rules, taken into account in determining their pension and leave allowances.

4. The Governor General in Council requests accordingly that where the existing law makes no provision for payment by Municipalities of pensions, gratuities and leave allowances of Officers paid partly from Municipal funds and partly from Government funds at the same time, Local Governments will take early measures with a view to legislation being resorted to for removing any difficulties which may be found to exist. If an officer is paid partly from Municipal Funds and partly from the General Revenues, it would seem reasonable that the officer should pay to Government a contribution on the portion of his salary which is drawn from Municipal Funds calculated according to the rules in Chapter III of the Civil Pension Code, and in that case Government would be responsible for the whole of his pension and for his allowances while on leave other than privilege leave.

ORDERED, that this Resolution be communicated to the Home Department for the issue of necessary instructions to all Local Governments.

The 28th June 1882.

No. 2016.—Mr. E. F. T. Atkinson, B.C.S., is appointed to officiate, until further orders, as Accountant General, Bengal.

Mr. R. Logan, B.C.S., Officiating Under Secretary to the Government of India in the Department of Finance and Commerce, is placed on special duty under the Government of India in the Department of Finance and Commerce.

Mr. Stephen Jacob, B.C.S., is appointed to officiate, until further orders, as Under Secretary to the Government of India in the Department of Finance and Commerce.

No. 2027.—In exercise of the powers conferred by Section 6 of Act I of 1878 (The Opium Act, 1878), the Governor General in Council is pleased to reduce by Rs. 50 per chest the duty on opium imported by land into the Presidency of Bombay for exportation by sea from the Port of Bombay.

Accordingly it is hereby notified that, till further orders, all opium imported by land into the Presidency of Bombay, and covered by a pass for exportation by sea from the Port of Bombay, granted in accordance with Rule 14 of the Rules made under the Opium Act, 1878, dated the 30th March 1878 and published by the Government of Bombay, will be subject to the following duty upon each chest weighing net 140¼ lbs. avoirdupois weight, namely :—

	Rs.
When the pass for such opium is granted at Ajmere	675
When the pass for such opium is granted elsewhere	650

The 30th June 1882.

No. 2036.—Whereas copies or extracts certified to be true copies or extracts of baptismal, marriage, and burial certificates granted by Ministers and Marriage Registrars are generally furnished on printed forms for which impressed sheets of stamped paper cannot be used without inconvenience; Therefore, in exercise of the powers conferred by Section 9 of the Indian Stamp Act, 1879, the Governor General in Council is pleased to make the following rule :—

The stamp duty payable under Article 22 of Schedule I to the Indian Stamp Act, 1879, on copies or extracts certified to be true copies or extracts of baptismal, marriage, and burial certificates shall be denoted by means of adhesive court fee labels.

No. 2078.

RESOLUTION—By the Government of India, Department of Finance and Commerce.

Read again—

Proceedings in this Department (Accounts and Finance) of July 1881, Nos. 1106 to 1109.

Read also—

Despatch from the Secretary of State, No. 48, dated the 9th February 1882, and the following extract from Resolution in the Home Department, No. $\frac{17}{747-759}$ (Public), dated the 18th May 1882 :—

Para. 22.—Another point deserving of notice is the control that should be exercised over the execution of local works. It will not always be possible for a Local Board to entertain a competent Engineer of its own; and in any case when Government buildings and important works of other kinds are made over for maintenance, there must be some effective guarantee for thoroughness of execution. It will probably be most convenient that, while all subordinate establishments are entirely under the control of the Boards, Government should supply the District Engineer and furnish professional supervision, the Boards defraying in such manner as may be determined by the Local Governments with reference to the amount of work done for each Board the payments to be made to Government on this account. Care must, however, be taken that the Boards are left unfettered in the initiation and direction of operations, and that the Engineer is placed in the position of their servant and not of their master. The power of check vested in the District Officer will suffice to remedy any carelessness or improper working on the part of the Boards. If this arrangement is carried out, it will probably be found possible to make over to the charge of the Boards most of the public buildings in the districts, and other works of various kinds which would otherwise have to be kept in the hands of the Government Officers. Double establishments will thus be avoided, and public money saved.

RESOLUTION.—On a reference from the Chief Commissioner, British Burma, the Governor General in Council has recently had under consideration the question whether the creation and abolition of appointments under Municipal and Local Fund Boards and similar Local Bodies, or the modification in any way of the pay of such appointments, are, or should be, subject to the same restrictions of various kinds, including reference to Her Majesty's Government when the pay of the appointment exceeds a certain amount, as appointments the cost of which is charged against the General Revenues.

2. The rules which govern the procedure to be observed in reporting for the sanction of the Home Government, the creation of new offices carrying pay exceeding Rs. 250 a month, and additions to salaries which raise them above Rs. 5,000 a year, are contained in the Despatch of the Secretary of State for

India, No. 63, dated the 17th March 1864. But these rules, as they are understood, apply only to charges which fall on what are called "General Revenues" in contradistinction to Local Funds.

3. Provincial Funds form a portion of the General Revenues and are administered by Local Governments just as Imperial Funds are administered by the Government of India; the distinction between them is merely one of account and internal administration; but between Local Funds and General Revenues the distinction is clear, and involves a principle of importance.

4. It is true that the principal Local Funds, both incorporated and excluded (*e.g.*, District Road Cess, Municipal, Port, and Port Trust), are composed in the main of taxes, dues, and fees which do not differ materially in their nature from those taxes, dues, and fees which form a part of the General Revenues; but the essential distinction consists in the special agency and special principles, by, and in accordance with, which Local Funds are administered and in some cases raised.

5. The practice of the Government has been to leave these funds to be administered by Local Bodies, in pursuance of the policy of developing local self-government; only such powers of general control are generally retained as may suffice to authorise interference in cases in which the public interest would otherwise suffer. This policy has been consistently kept in view since Local Bodies were first created. The course of legislation all over the country has accordingly been in the direction of enforcing the responsibility and maintaining the authority of such Bodies. For instance, in some of the Acts relating to the constitution and mode of working of Municipalities, and District Committees, no restriction whatever has been placed by the Legislature on the powers of those Bodies for the creation of new appointments; and in others the powers of general control which have been reserved are not such as would allow of the enforcement of those restrictions which apply to such appointments when the cost of these is payable from the General Revenues.

6. The Local Bodies to whom these powers have been entrusted exercise them, as a rule, with discretion; and there is nothing in the method of their administration in the past which would justify the imposition of any special restrictions. Seeing, therefore, that it is desirable to develop local self-government, and that Local Bodies may reasonably be expected to give due weight to the need for economy in the administration of Local Funds, the Governor General in Council is pleased to rule—

(*1st*) that Local Bodies to whom the administration of Local or Municipal Funds has been committed shall be competent, subject to the general restrictions imposed by the Legislature or to such special reservations as the Government of India may lay down in any case (*e.g.*, that referred to in paragraph 22 of the Resolution in the Home Department, dated the 18th May 1882), or with reference to any particular class of appointments, to create, as well as to abolish, without reference to higher authority all appointments the pay of which is chargeable to such Local or Municipal Funds;

(*2nd*) that as regards Local Funds administered by Local Governments and not by Local Bodies, the existing restrictions regarding appointments payable from Imperial or Provincial Revenues shall continue in force in respect of appointments payable from such funds.

ORDERED, that the foregoing Resolution be communicated to the several Departments of the Government of India, the several Local Governments and Administrations, and the several Officers of the Account Department.

Ordered also, that it be published in the *Gazette of India*, together with the Resolutions in this Department, Nos. 1622 and 1623, dated the 10th instant.

D. M. BARBOUR,
Offg. Secy. to the Govt. of India.

MILITARY DEPARTMENT.

Simla, the 30th June, 1882.

APPOINTMENTS.

No. 357.—STAFF CORPS—

The undermentioned officers are admitted to the Bengal Staff Corps, with effect from the dates specified, subject to the confirmation of the Right Hon'ble the Secretary of State for India :—

Lieutenant George White Melville Dundas, Gordon Highlanders, Officiating Wing Officer, 4th Goorkha Regiment,—17th November, 1880.

Lieutenant Robert David Cautley Davies, East Surrey Regiment, Officiating Wing Officer, 3rd Punjab Infantry,—26th February, 1881.

Lieutenant Everard Thuillier Gastrell, Leinster Regiment, Officiating Wing Officer, 23rd Native Infantry,—29th March, 1881.

Lieutenant Beauchamp Duff, Royal Artillery, Officiating Wing Officer, 9th Native Infantry, —13th May, 1881.

No. 358.—ORDNANCE DEPARTMENT—

Sub-Conductor (Officiating Conductor) Daniel Hogan, to be Conductor, *vice* Conductor H. Ormsby, pensioned. Dated 3rd June, 1882.

Magazine Sergeant (Officiating Sub-Conductor) Richard Dickson, to be Sub-Conductor, on probation, *vice* Sub-Conductor Hogan, promoted. Dated 3rd June, 1882.

No. 359.—PUNJAB FRONTIER FORCE—

The following appointments and transfers in the Punjab Frontier Force are made, with effect from the 1st July, 1882 :—

1st Punjab Cavalry.

Lieutenant-Colonel G. C. Bird, Officiating Commandant, 4th Punjab Cavalry, will revert to his substantive appointment as Squadron Commander and 2nd-in-Command.

Captain E. Lloyd, Squadron Officer, 4th Punjab Cavalry (seconded), to be Squadron Officer. He will rank above Captain A. M. Muir and remain seconded in his new appointment.

Lieutenant G. B. Unwin, Officiating Squadron Officer, on probation, 4th Punjab Cavalry, to be Officiating Squadron Officer, on probation.

Lieutenant W. H. M. Stewart, Officiating Squadron Officer, on probation, 4th Punjab Cavalry, to be Officiating Squadron Officer, on probation.

2nd Punjab Cavalry.

Captain R. H. Forrest, Squadron Officer, 4th Punjab Cavalry (on furlough) to be Squadron Officer, and to rank above Lieutenant C. J. L. Stuart.

3rd Punjab Cavalry.

Major T. Shepherd, 2nd Squadron Commander, 4th Punjab Cavalry, to officiate as 2nd Squadron Commander during the absence on furlough of Lieutenant-Colonel Vivian, or until further orders.

Major E A. Money, 3rd Squadron Commander, 4th Punjab Cavalry, to officiate as 3rd Squadron Commander during the absence on furlough of Captain C. C. Egerton, or until further orders.

Captain C. G. Mansel, Squadron Officer, 4th Punjab Cavalry (on furlough), to be Squadron Officer, and to rank above Lieutenant W. Lambert.

5th Punjab Cavalry.

Major T. O. Underwood, Squadron Commander and 2nd-in-Command, 4th Punjab Cavalry, to officiate as Squadron Commander and 2nd-in-Command during the absence on furlough of Lieutenant-Colonel J. C. Stewart, or until further orders.

Lieutenant E. Inglis, Squadron Officer and Adjutant, 4th Punjab Cavalry, to be Squadron Officer, and to rank below Lieutenant A. L. Williamson.

3rd Sikh Infantry.

Lieutenant-Colonel P. C Rynd, Commandant, 3rd Punjab Infantry, to officiate as Commandant during the absence on furlough of Lieutenant-Colonel G. N. Money, C.B.

Major J. E. P. Mosley, Wing Officer (seconded) 3rd Punjab Infantry, to be Wing Officer. He will rank above Major W. C. Ramsden, and remain seconded in his new appointment.

Lieutenant R. D. C. Davies, Officiating Wing Officer, on probation, 3rd Punjab Infantry, to be Officiating Wing Officer, on probation.

4th Sikh Infantry.

Caplain H. F. V. Gaitskell, Wing Officer, 3rd Punjab Infantry, to be Wing Officer, and to rank above Lieutenant V. C. Tonnochy.

2nd Punjab Infantry.

Major J. Finnis, Wing Commander and Officiating 2nd-in-Command, 3rd Punjab Infantry, to officiate as Wing Commander and 2nd-in-Command, *vice* Lieutenant-Colonel E. C. Codrington, Officiating as Commandant.

5th Punjab Infantry.

Major C. K. Mackinnon, Wing Commander and 2nd-in-Command, 3rd Punjab Infantry, to officiate, on return from furlough, as Wing Commander and 2nd-in-Command, *vice* Lieutenant-Colonel C. E. Stewart, on special duty, or until further orders.

6th Punjab Infantry.

Lieutenant E. W. Cunliffe, Wing Officer and Adjutant, 3rd Punjab Infantry, to be Wing Officer, and to rank under Lieutenant E. B. J. Vaughan.

VOLUNTEER CORPS.

No. 360.—*Behar Mounted Rifle Corps*—

The Hon'ble A. Rivers Thompson, C.S.I., C.I.E., C.S., Lieutenant-Governor of Bengal, to be Honorary Colonel, *vice* the Hon'ble Sir A. Eden, K.C.S.I., C.I.E., C.S., resigned.

No. 361.—*Northern Bengal Volunteer Rifle Corps*—

The Hon'ble A. Rivers Thompson, C.S.I., C.I.E., C.S., Lieutenant-Governor of Bengal, to be Honorary Colonel.

No. 362.—*Administrative Battalion British Burma Volunteers*—

C. E. Bernard, Esq., C.S.I., C.S., Chief Commissioner, British Burma, to be Honorary Colonel, *vice* the Hon'ble Sir C. U. Aitchison, K.C.S.I., C.I.E., C.S., LL.D., resigned.

FURLOUGH AND LEAVE.

No. 363.—The undermentioned officers are granted furlough out of India, with the necessary subsidiary leave :—

Captain E. C, Elliston, Bengal S. C., (p. a.) for 159 days, under rule IX of the regulations of 1868. (This cancels the furlough granted to him in G. G. O. No. 179 of 1882.)

Surgeon J. Duke, 3rd Punjab Cavalry, (p. a.) for 182 days, under rule IX of the regulations of 1868.

No. 364.—Major W. E. Gowan, General List, Infantry, is granted furlough for the 21st March 1882, in extension of that allowed him in G. G. O. No. 67 of 1882.

No. 365.—The undermentioned officers have been granted extensions of furlough by the Right Hon'ble the Secretary of State for India :—

Lieutenant-Colonel C. J. Hughes, Bengal S. C., (m. c.) for four months.

Lieutenant-Colonel H. Morton, Bengal S. C., (p. a.) for 111 days.

Major (Brevet Lieutenant-Colonel) A. C. W. Crookshank, Bengal S. C., (m. c.) for two months.

Major W. J. Williamson, C.I.E., Bengal S. C., (m. c.) for four months.

Captain R. A. C. King, R.A., (m. c.) for three months.

Surgeon-Major C. J. McKenna, (m. c.) for four months.

LONDON GAZETTE.

No. 366.—The following extracts are published for general information :—

"*London Gazette," dated the 19th May, 1882, page 2341.*

"WAR OFFICE;
Pall Mall, 19th May, 1882.

MEMORANDA.

INDIAN STAFF CORPS.

Colonel W. G. Mainwaring, C.I.E., Bombay, has been removed to the Unemployed Supernumerary List. Dated 24th April, 1882."

"*London Gazette," dated the 23rd May, 1882, page 2410.*

"INDIA OFFICE;
23rd May, 1882.

Her Majesty has approved of the following admissions to the Staff Corps made by the Governments in India :—

BENGAL STAFF CORPS.

To be Lieutenants.

Lieutenant Henry Richmond William Lumsden, from the East Surrey Regiment. Dated 24th September, 1879, but to rank from 6th September, 1876.

Lieutenant Wensly James Hodson Bond, from the 2nd West India Regiment. Dated 25th May, 1880, but to rank from 30th November, 1876.

Lieutenant Charles Frederic Gordon Young, from the Wiltshire Regiment. Dated 14th July, 1880, but to rank from 7th January, 1880.

Lieutenant Francis Patrick Hutchinson, from the Suffolk Regiment. Dated 26th November, 1880, but to rank from 1st April, 1880.

Second Lieutenant Mowbray Townshend Thomson, from the Shropshire Light Infantry. Dated 2nd November, 1880."

"*London, Gazette," dated the 26th May, 1882, pages 2475 and 2476.*

"INDIA OFFICE;
26th May, 1882.

Her Majesty has approved of the following promotions among the Officers of the Staff Corps and Indian Military Forces made by the Governments in India :—

BENGAL STAFF CORPS.

To be Lieutenant-Colonels.

Major Henry Peter Poleman Nash. Dated 4th March, 1882.

Major Alfred Bloomfield. Dated 7th March, 1882.

To be Majors.

Captain William Francis Trotter. Dated 18th February, 1882.

Captain Arnold Dashwood Strettell. Dated 4th March, 1882.

Captain Thomas Deane. Dated 4th March, 1882.

Captain John Albert Little. Dated 18th March, 1882.

BENGAL ARMY.

Cavalry.

To be Major.

Captain Robert Bartholomew. Dated 20th February, 1882.

INFANTRY.

To be Colonel.

Lieutenant-Colonel Robarts William Elton. Dated 1st March, 1882.

To be Majors.

Captain and Brevet Major Allan Scott Roberts. Dated 20th February, 1882.

Captain and Brevet Major Arthur John Tregonwell Welchman. Dated 20th February, 1882.

BREVET.

To be Colonels.

Lieutenant-Colonel Robert Augustus Carew Hunt, Bombay Infantry. Dated 1st July, 1881.

Lieutenant-Colonel Charles Sheppey Sturt, Bombay Infantry. Dated 1st July, 1881.

Lieutenant-Colonel Robert Macdonald Chambers, Bombay Infantry. Dated 1st July, 1881.

Lieutenant-Colonel John Clinton Whish Bruce, Madras Infantry. Dated 20th February, 1882.

To be Lieutenant-Colonel.

Captain and Brevet Major Albert Purcell Currie, Bombay Cavalry. Dated 4th March, 1882.

ALTERATION OF RANK.

The promotion of Lieutenant-Colonel Arthur Phelps, Bombay Infantry, to the rank of Colonel by Brevet is antedated to the 1st January, 1879."

PROMOTIONS.

No. 367.—The following promotions are made, subject to Her Majesty's approval:—

BENGAL STAFF CORPS.

To be Lieutenant-Colonel.

Major (Brevet Lieutenant-Colonel) Joseph Barnard Smith,—26th June, 1882.

To be Major.

Captain Charles Evans Hallett,—24th June, 1882.

No. 368.—MILITARY WORKS DEPARTMENT—

In G. G. O. No. 125 of 1882, promoting Sub-Conductor J. Inglis, *for* "Barrack Master, 2nd class, temporary," *read* "*to officiate as Barrack Master, 2nd class.*"

No. 369.—NATIVE ARMY—

3rd Goorkha Regiment.

Jemadar Dhurm Sing Bisht, to be Subadar, *vice* Gopal Bisht, invalided,—7th March, 1882.

Jemadar Moodhea Muggur, to be Subadar, *vice* Puddum Sing, invalided,—25th May, 1882.

Havildar Oochub Sing Rawut, to be Jemadar, *vice* Dhurm Sing Bisht, promoted,—7th March, 1882.

Havildar Runjeet Goorung, to be Jemadar, *vice* Moodhea Muggur, promoted,—25th May, 1882.

PENSIONS.

No. 370.—SUBORDINATE MEDICAL DEPARTMENT—

Senior Apothecary Robert Freeland is transferred to the Pension establishment.

G. CHESNEY, *Colonel,*

Secretary to the Government of India.

MILITARY (MARINE) DEPARTMENT.

Simla, the 30th June, 1882.

APPOINTMENTS.

No. 26.—Mr. H. B. Simpson, 2nd Grade Officer in the Indian Marine, to be a 1st Grade Officer, with effect from 19th April, 1882, and to be seconded for service with the Marine Survey Department.

Mr. C. C. Hearsey, 2nd Grade Officer and 1st Grade Officer sub. *pro tem.*, is confirmed as a 1st Grade Officer, with effect from 19th April, 1882.

G. CHESNEY, *Colonel,*

Secretary to the Government of India.

PUBLIC WORKS DEPARTMENT.

NOTIFICATIONS.

Simla, the 28th June 1882.

No. 163.—The Governor General in Council is pleased to make the following promotions in the Classes of Superintending Engineers, with effect from the 27th May 1882:—

Name.	From	To	Nature of promotion.
Holmes, Lieutenant-Colonel W. B., R.E.	Supdg. Engr., Class III ...	Supdg. Engineer, Class II ...	Sub. *pro tem.*
Rhind, R. H. ...	" " " III, tempy. rank.	" " " III ...	" "
Holmes, Lieutenant-Colonel W. B., R.E.	Offg. Supdg. Engr., Class I ...	" " " I ...	Temporary.
Steel, Lieutenant-Colonel J. P., R.E.	Supdg. Engr., Class II ...	" " " I ...	Officiating.
Rhind, R. H. ...	" " " III, sub. *pro tem.*	" " " II ...	Temporary.

The 29th June 1882.

No. 164.—Mr. F. F. Hensley, Deputy Examiner, Public Works Accounts, Bengal, is transferred temporarily to the Office of the Examiner, Guaranteed Railway Accounts, Madras.

The 30th June 1882.

No. 165.—Notification No. 144, dated 26th May 1882, transferring Mr. W. B. Gray, Deputy Examiner of Accounts, Rajputana-Malwa Railway, to the Guaranteed Railway Accounts Office, Madras, is cancelled.

W. S. TREVOR, *Colonel, R.E.,*

Secy. to the Govt. of India.

The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, JULY 1, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller General, &c.

GAZETTE OF INDIA.

NOTICE.

The 11th March 1882.

From the 8th April next, till further notice, Parts I, IV, and V of the *Gazette of India*, and the Weather and Crop Report, will be published at Simla. After the 1st April, all Notifications and other matter intended for publication in those Parts, should be addressed to the Officiating Publisher at that station.

Parts II and III and the Supplement will continue to be published in Calcutta.

Parts IV and V of the *Gazette of India*, containing the Acts and Bills of the Legislative Council, may be subscribed for separately from the other Parts of the Gazette. The annual subscription for the two Parts will be Rs. 5 per annum, payable in advance. When sent by post, Rs. 2-8 per annum additional will be charged for postage. For the current year these Parts are available from 1st May only, the back numbers being out of print.

Complaints regarding non-receipt of any number of the *Gazette* should be forwarded within a week after the day on which it is due.

Applications for the supply of the *Gazette* on the *public service* should be addressed to the Home Department.

By an order of Government, all subscriptions must be paid *in advance*.

	Rs.	A.	P.
Subscription for *Gazette* and Supplement per annum	15	0	0
Postage	5	8	0
Subscription for Supplement only	6	0	0
Postage	3	0	0
For a single copy of the *Gazette*	0	8	0
For a single copy of the Supplement	0	8	0

Postage on single copies varies according to weight.

E. J. DEAN,

Publisher, Gazette of India.

NOTICE.

The Office of Superintendent of Government Printing having been removed to No. 166, Dhurrumtollah Street, all communications intended for that Office should be sent to that address.

E. J. DEAN,

Supdt. of Govt. Printing, India.

NOTICE TO MARINERS.

No. 25 of 1882.

AFRICA—EAST COAST.

ZANZIBAR.

Shoal in English Pass.

The British Hydrographic Department has notified that information has been received from Commander Mather Byles, H. M. S. *Seagull*, of the existence of a shoal (over which that vessel passed on 9th March, 1882), lying near the fairway of English pass, northern approach to Zanzibar harbour.

This shoal (*Seagull shoal*), about 80 yards long in a north and south direction and 40 yards in width, consists of black sand and coral, with a least depth of 12 feet at low water spring tides over a coral head, and 3½ fathoms close around; it lies with the following bearings and distances:—

Large house on Bet-el-Rás, S. S. E. ⅛ E.

West extreme of Chango island, S. W. ¼ W., distant 2½ miles.

White square castellated house north of Bet-el-Rás, E. ¾ N., distant 1½ miles.

These bearings place Seagull shoal in latitude 6° 5′ 10″ S., longitude 39° 11′ 15″ E.

(*The bearings are Magnetic. Variation 10½° Westerly in 1882.*)

By direction of the Government of India,

A. DUNDAS TAYLOR, *Comdr.* (*late I.N.*),
Superintendent, Marine Survey of India.

Marine Survey Department,
Calcutta,
The 24th June, 1882.

This Notice affects the following:—

BRITISH ADMIRALTY Charts, Nos. 664, 665 and 640*b*; also Africa Pilot, Part III, 1878, page 347. Also Taylor's Sailing Directory, Vol. I, page 101.

If this Notice is received on board-ship, the substance of it should be inserted on the Charts affected by it, and introduced into the Sailing Directions to which it relates.

NOTICE TO MARINERS.

No. 26 of 1882.

EASTERN ARCHIPELAGO.

JAVA—NORTH COAST.

Leading Lights into Sourabaya.

The Vice-Admiral Commanding the Naval Forces in Netherlands India has given notice that, on the north-west coast of Madura Island, 2 Light-houses have been erected for the purpose of leading vessels into the north entrance of Sourabaya Strait.

The southern light is a *fixed* white catadioptric light of the 2nd order, on an iron Light-house painted white, at the little point called Tanjong Slempit (about 1½ miles southward of Sembilangan town); the light is elevated 178 feet above sea-level, and is visible in fine weather 19 miles.

The northern light is of the 6th order, on an open-work iron structure, at Tanjong Piering (about one mile N. by E. of Sembilangan); this light is 47 feet above the sea, and is visible about 9 miles.

These two lights in line will lead on a S. by W. course into Sourabaya Strait, over the Zee Bank, in 12 or 13 feet at high water; but only small vessels can enter.

The light-vessel, formerly placed 6 miles north of Sembilangan, has been removed.

By direction of the Government of India,

A. DUNDAS TAYLOR, *Comdr.* (*late I.N.*),
Superintendent, Marine Survey of India.

Marine Survey Department,
Calcutta,
The 27th June, 1882.

This Notice affects the following:—

BRITISH ADMIRALTY Charts, Nos. 934, 941*b* and 748*b*. Also Light List for 1881.

If this Notice is received on board-ship, the substance of it should be inserted on the Charts affected by it, and introduced into the Sailing Directions to which it relates.

SURGEON-GENERAL WITH THE GOVERNMENT OF INDIA.

NOTIFICATIONS.

Simla, the 8th June 1882.

No. 29.—The services of Passed Hospital Apprentice Patrick Heher are placed at the disposal of the Government of Bengal.

The 13th June 1882.

No. 30.—The services of 2nd Class Assistant Apothecary E. P. Clement are placed at the disposal of the Government of the North-Western Provinces and Oudh.

J. M. CUNINGHAM, M.D.,
Surgeon-General with the Govt. of India.

SURVEY OF INDIA.

NOTIFICATION.

Mussooree, the 26th June 1882.

No. 283.—Consequent on the return from furlough of Mr. G. H. Cooke, Assistant Superintendent, 2nd Grade, the following reversion is made, with effect from the forenoon of the 9th instant:—

Mr. E. C. Ryall, Assistant Superintendent, 3rd Grade, Officiating 1st Grade, to his officiating appointment of Assistant Superintendent, 2nd Grade.

J. T. WALKER, *Lieut.-Genl., R.E.,*
Surveyor General of India.

TELEGRAPH DEPARTMENT.

NOTIFICATIONS.

Calcutta, the 24th June 1882.

No. 10.—Mr. F. E. Dempster, an Assistant Superintendent of the 3rd Grade, is allowed furlough for twelve months, under Section 49 of the Civil Leave Code, with effect from the forenoon of the 24th May 1882.

No. 11.—Mr. J. F. Bevan, a Superintendent of the 3rd Grade, is allowed furlough for twelve months, under Sections 48 and 49 of the Civil Leave Code, with effect from the forenoon of the 20th May 1882.

The 26th June 1882.

No. 12.—Mr. H. Carson, an Assistant Superintendent of the 1st Grade, is allowed furlough for six months, under Section 49 of the Civil Leave Code, with effect from the afternoon of the 24th May 1882.

No. 13.—Mr. L. V. Fraser, an Assistant Superintendent of the 1st Grade, is allowed leave on medical certificate for six months, under Section 51 of the Civil Leave Code, with effect from the afternoon of the 20th May 1882.

R. MURRAY, *Colonel,*
Director General of Telegraphs in India.

AGENT, GOVERNOR GENERAL, FOR CENTRAL INDIA, P. W. D.

NOTIFICATIONS.

Indore, the 26th June 1882.

No. 9.—Mr. H. F. White, Executive Engineer, 1st Grade, made over, and Mr. R. Ewing, Executive Engineer, 4th Grade, received, charge of Mhow Division, on the afternoon of 28th April 1882.

No. 10.—Major G. R. Gibbs, Executive Engineer, 1st Grade, received charge of Mhow Division from Mr. R. Ewing, on the forenoon of 30th ultimo.

No. 11.—Mr. R. Ewing, Executive Engineer, 4th Grade, relieved Mr. T. Knight, Executive Engineer, 2nd Grade, of the duties of the Personal Assistant to Superintending Engineer, on the afternoon of the 9th instant.

This cancels Notification appointing Mr. Ewing as Officiating Executive Engineer, Gwalior Division.

No. 12.—Mr. D. M. Litster, Engineer Apprentice, posted to Central India in Government Notification No. 113, dated 26th April last, joined Mhow Division, to which he has been posted on the forenoon of 13th May 1882.

No. 13.—Baboo Gyan Chunder Roy, Assistant Engineer, 2nd Grade, received charge of the Office of Executive Engineer, Nagode Division, on the forenoon of 5th instant.

By Order,

C. S. THOMASON, *Colonel, R.E.,*
Secy. to Agent, Govr. Genl., for Central India.

AGENT, GOVERNOR GENERAL, FOR RAJPUTANA.

NOTIFICATION.

Mount Abu, the 26th June 1882.

No. 1759 G.—With reference to Foreign Department Notification No. 967 G. G., dated 9th June 1882, Lieutenant C. Herbert assumed charge of his duties as 3rd Assistant to the Agent to the Governor General, Rajputana, on the afternoon of the 22nd June 1882.

By Order,

E. A. FRASER,
1st Asst. Agent to the Govr. Genl.

RESIDENT IN MYSORE.

NOTIFICATION.

Bangalore, the 23rd June 1882.

No. 5.—Under the provisions of Section 3 of the Bangalore Municipal Regulations as amended by the Notification of the Government of India in the Foreign Department, No. 8 G. J., dated 28th April 1881, the Officiating Resident is pleased to appoint the undermentioned gentlemen to be Municipal Commissioners for the Civil and Military Station of Bangalore, and to serve for the divisions noted opposite their names:—

Re-appointments.

Mr. S. Lee,—No. II Division.
Mr. G. G. Brown,—No. VI Division.

Appointments.

Mr. J. A. Gow,—No. III Division.
Mr. N. Narayan Chetty,—No. V Division.
Mr. W. Jennings,—No. VI Division.
Mr. A. Vencata Chella Mudaliar,—Fort of Bangalore.

By Order,

H. WYLIE, *Major,*
Asst. to the Resident.

CHIEF COMMISSIONER OF AJMIR-MERWARA.

NOTIFICATIONS.

Mount Abu, the 20th June 1882.

No. 434.—Mr. W. R. Lawrence, C.S., and Munshi Rae Bishen Saroop, respectively, made over and received charge of the office of Assistant Commissioner, Merwara, on the forenoon of the 23rd May 1882.

No. 436.—Munshi Rae Bishen Saroop and Munshi Chuttun Lal, respectively, delivered over and assumed charge of the office of Deputy Magistrate, Kekree, on the forenoon of the 23rd May 1882.

No. 438.—Mr. F. T. Hewson, C.S., and Mr. W. R. Lawrence, C.S., respectively, made over and received charge of the office of Assistant Commissioner, Ajmir, on the afternoon of the 23rd May 1882.

No. 440.—Mr. F. T. Hewson, C.S., and Mr. W. R. Lawrence, C.S., respectively, made over and received charge of the office of Registrar of Assurances, Ajmir-Merwara, on the afternoon of the 23rd May 1882.

By Order,

A. P. THORNTON,
for 1st Asst. Agent to the Chief Commr.

MILITARY DEPARTMENT—Military Works.

NOTIFICATIONS.

Simla, the 20th June 1882.

No. 30.—With reference to Military Department Notification No. 333, dated 16th June 1882, Lieutenant F. J. Anderson, R.E., Assistant Engineer, 2nd Grade, is posted to the Rawalpindi Command, Military Works.

The 21st June 1882.

No. 31.—Lieutenant J. A. Ferrier, R.E., Assistant Engineer, 1st Grade, passed the Departmental Standard Examination in Hindustani on the 5th June 1882.

The 23rd June 1882.

No. 32.—Mr. A. C. L. Learmouth, C.E., Assistant Engineer, 1st Grade, passed the Departmental Standard Examination in Hindustani on the 8th June 1882.

J. J. McLEOD INNES, *Colonel, R.E.,*

Inspr. Genl. of Military Works.

TREASURE TROVE.

It is hereby notified, under Section 5 of the Indian Treasure Trove Act (VI of 1878), that on the 25th December 1881, treasure, consisting of sicca rupees—old coins of the time of the Emperor Shah Allum—the approximate value of which is Rs. 219-6-0, were discovered on the banks of the river Bhoyrub near Akrigunge, in the District of Moorshidabad.

All persons claiming the said treasure, or any part thereof, are hereby required to appear personally or by agent before the Collector of Rajshahye at his Office, on Monday, the 4th December 1882, in order to have the matter enquired into and determined in accordance with the provisions of the Act.

E. H. RUDDOCK,

Offg. Collector of Rajshahye.

RAJSHAHYE COLLECTORATE,
The 21st June 1882.

DEPARTMENT PUBLIC WORKS HALF-YEARLY EXAMINATION.

The half-yearly examination of candidates for promotion and employment in the Public Works Department will be held at the Government Engineering College, Howrah, at 10 o'clock, on Monday, the 7th August 1882, and the following days. Applications, with fees for admission to the examination, are required to be filed before the 15th of July 1882. Candidates for the grade of Accountant who are not in Government service should be under twenty-five years of age, and must prove to the satisfaction of the Principal that they are under that age.

The following are the centres of examination sanctioned by the Government of India as stations where candidates for fourth grade Accountantships are to appear for examination :—

Agra, Ahmedabad, Ajmere, Akyab, Allahabad, Bolaram, Durbhanga, Howrah, Indore, Jabalpore, Lahore, Lucknow, Meerut, Mhow, Mooltan, Mount Aboo, Nagpore, Neemuch, Rangoon, Rawalpindi, Saidpore, Shillong and Simla.

Candidates for the Accountant's examination are therefore requested to select one of the places mentioned above.

J. S. SLATER,

Offg. Principal, Govt. Engrg. College, Howrah.

SHIBPORE,
The 16th June 1882.

Weekly Statement of Silver tendered, of Certificates issued, and Silver Balance in the Mint.

DATE.	SILVER TENDERED, ESTIMATED VALUE.	CERTIFICATES ISSUED ON		BALANCE OF BULLION		
		General Treasury.	Currency Department.	Under Assay.	Assayed.	Held on account of the Currency Department.
1882.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
June 19	...	28,216	...	...	78,98,114	34,50,704
" 20	...	28,179	...	...	78,00,565	34,23,355
" 21	...	22,269	...	...	76,01,993	34,02,483
" 22	...	20,243	...	...	75,03,927	33,75,102
" 23	...	31,333	...	...	75,07,017	33,45,046
" 24	...	14,467	...	...	74,08,242	33,32,087

CALCUTTA MINT,
The 26th June 1882.

J. F. TENNANT, *Col., R.E.,*

Mint Master.

CURRENCY NOTES.

The following Currency Notes of the Government of India are stated to have been lost, and payment of their value has been claimed by the persons whose names are placed against the numbers. Any other person having these Notes in his possession, or claiming a right to them, is warned to communicate at once with the undersigned :—

Calcutta Circle.

NOTES WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Notes.	Value.	Name of Claimant.
		Rs.	
65	P 10—50902	100	Hatee Ram Ghunesham Das.
	" —50903	100	
	" —43133	100	
68	O 33—70972	100	Charu Chandra Ghose.
69	O 89—87505	1,000	Saligram.
70	P 12—25491	1,000	Mr. R. H. Boddam.
	" —26867	1,000	
	" —25773	1,000	
	" —29272	1,000	
	" —29270	1,000	
	" —29269	1,000	
	P 10—27016	100	
	O 65—45725	50	
71	P 10—20313	100	Mr. H. J. Joakim.
	" —17978	100	
	O 97—94925	100	
73	P 10—15846	100	Debendranath Mukerji.
	" —15847	100	
	" —15848	100	
74	O 96—23431	100	The District Superintendent of Police, Rungpur.
	" —36229	100	

CALCUTTA,
The 30th June 1882.

J. TAYLOR,

Asst. Comptlr. Genl., Paper Currency.

Madras Circle.

NOTE WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Note.	Value.	Name of Claimant.
		Rs.	
12	B 66—21212	100	Saminatha Pillai, Gumasta of M. R. Maruthaiya Pillai, Maligai, Karunthithangudi Division, Tanjore Town.

FORT SAINT GEORGE,
The 19th June 1882.

H. S. GROVES,

Assistant Accountant General, in charge of Paper Currency Dept., for Commissioner.

Statement of the Affairs of the Bank of Bengal for the week ending 27th June 1882.

LIABILITIES.	Rs.	A.	P.
Capital paid-up	2,00,00,000	0	0
Reserve Fund	30,11,886	4	4
Public Deposits at Head Office (Rs. 90,99,542 1 1)	2,37,91,092	11	8
Public Deposits at Branches (Rs. 1,46,91,550 10 7)			
Other Deposits at Head Office and Branches	2,68,97,808	8	0
Bank Post Bills, &c.	3,28,439	4	9
Sundries	17,13,252	1	5
RUPEES	7,57,42,478	14	2

ASSETS.	Rs.	A.	P.
Government Securities	82,14,393	14	0
Other authorized Investments	45,88,515	0	0
Loans on Government and other authorized Securities	62,20,405	3	0
Accounts of Credit on Government and other authorized Securities	33,87,566	10	7
Bills discounted and purchased	2,61,90,308	1	6
Balances with other Banks	6,14,735	11	11
Bullion	6,26,815	0	4
Dead Stock	12,01,920	9	9
Stamps	8,222	5	0
Sundries	3,42,401	7	5
	5,13,95,283	15	6
Cash and Currency Notes at Head Office (Rs. 1,03,09,595 14 7)	2,43,47,194	14	8
Cash and Currency Notes at Branches (Rs. 1,40,37,599 0 1)			
RUPEES	7,57,42,478	14	2

By order of the Directors,

BANK OF BENGAL,
Calcutta, 29th June 1882.

J. GORDON,
Chief Acott. & Depy. Secretary.

W. D. CRUICKSHANK,
Offg. Secy. & Treasurer.

COMMISSARIAT NOTICE.

The following five Government elephants are now for sale at Agra and Bareilly.

2. Offers are invited, both for purchase of these animals, and also for exchange of good female elephants suitable for Government purposes in place of these, and any reasonable offers will be accepted by the Commissary General.

3. Applications to inspect the elephants and offers for purchase or exchange may be made to the Assistant Commissaries General, Agra and Bareilly, respectively:—

Description of Elephants.

Where for sale.	Register No.	Name.	Sex.	Height. (ft. in.)	Probable age.	Tusks.	Eyes.	Number of Nails.	Tail.	Back.	Temper.	Condition.	REMARKS.
At Agra.	696	Salka ...	Male	8 4½	45	Perfect ...	Blind off-side.	18	No hair ...	Hollow in centre from wound in youth.	Good	Good	Fit for sowari purposes; never been musth; head and tusks fine; carriage good.
At Agra.	1347	Louis Napoleon.	Do. ...	9 7	39	One on off-side.	Perfect ...	18	Short of hair.	Good ...	Vicious.	Do. ...	A fine elephant, unsafe for Government purposes, but Rajahs, &c., might buy him for fighting purposes.
At Agra.	1670	Watson ...	Do. ...	8 9	37	One on off-side split slightly.	Do. ...	18	Do. ...	Do. ...	Uncertain.	Do. ...	A very fine animal, fit for anything, but troublesome at times.
At Agra.	459	Nazirguj ...	Do. ...	8 11	47	Two, off one broken.	Do. ...	18	No hair ...	Do. ...	Do. ...	Do. ...	Unsafe for Government work; a very fine elephant indeed, suitable for fighting purposes.
At Bareilly.	1783	Hastings ...	Do. ...	9 4	50	One broken.	Good ...	18	Good ...	Centre ridge of bone rather high.	Good	Low...	Fit for howdah and shooting purposes.

W. G. SMITH, *Major,*
Officiating Deputy Commissary General.

DEPY. COMMSY. GENL.'S OFFICE,
CENTRAL CIRCLE, LUCKNOW,
The 20th June 1882.

COMPTROLLER GEN

No. 746.—*Account of Revenue and Expenditure of the Government of India for the*

N.B.—Amounts are converted into

REVENUE.	Estimates, 1881-82.	April 1880 to Feb. 1881.	April 1881 to Feb. 1882.	COMPARISON OF TWO YEARS. Increase.	Decrease.
	£	£	£	£	£
I.—Land Revenue	22,495,000	17,351,276	18,425,488	1,074,212	...
II.—Tributes	705,000	659,040	526,821	...	132,219
III.—Forest	768,100	484,584	567,292	82,708	...
IV.—Excise on Spirits and Drugs	3,031,000	2,771,328	3,049,631	278,303	...
V.—Assessed Taxes	550,000	534,666	525,551	...	9,115
VI.—Provincial Rates	2,863,000	2,403,975	2,579,309	175,334	...
VII.—Customs	2,367,000	2,226,368	2,105,509	...	120,859
VIII.—Salt	7,153,000	6,342,637	6,670,890	328,253	...
IX.—Opium	8,763,000	9,552,883	9,146,400	...	406,483
X.—Stamps	3,290,000	2,943,005	3,055,331	112,326	...
XI.—Registration	290,000	255,997	256,679	682	...
XII.—Mint	89,000	86,385	35,061	...	51,324
XIII.—Post Office	967,000	944,288	872,820	...	71,468
XIV.—Telegraph	452,600	456,555	374,437	...	82,118
XV.—Minor Departments	62,500	54,634	59,494	4,860	...
XVI.—Law and Justice	664,000	583,421	558,575	...	24,846
XVII.—Police	236,000	205,725	211,629	5,904	...
XVIII.—Marine	210,000	179,958	180,640	682	...
XIX.—Education	143,000	136,170	167,337	31,167	...
XX.—Medical Services	37,700	35,664	31,437	...	4,227
XXI.—Stationery and Printing	61,000	52,069	44,284	...	7,785
XXII.—Interest	668,000	626,896	807,561	180,665	...
XXIII.—Pensions	215,600	146,390	140,339	...	6,051
XXIV.—Miscellaneous	265,000	210,546	287,218	76,672	...
XXX.—Gain by Exchange	412,000	213,647	221,374	7,727	...
TOTAL	56,758,500	49,458,107	50,901,107	1,443,000	...
XXV.—Railways — *Guaranteed Railways.* Traffic Receipts	7,489,800	6,853,667	7,055,934	202,267	...
XXV.—Railways — *State Railways.* Gross Traffic Earnings	2,420,000	1,841,519	2,174,038	332,519	...
XXV.—Railways — Net Traffic Receipts, East Indian	2,800,000	2,438,096	2,988,627	550,531	...
XXVI.—Irrigation and Navigation, including Net Traffic Receipts, &c., Madras Irrigation.	902,500	508,020	701,574	193,554	...
XXVII.—Other Public Works	472,500	385,883	453,197	67,314	...
XXVIII.—Provincial and Local Deficits	821,000	...	...	...	...
XXIX.—Army	777,000	1,126,160	929,264	128,595	...
Military Operations in Afghanistan	61,000		325,491		...
TOTAL	72,502,300	62,611,452	65,529,232	2,917,780	...
England, including Army, Public Works, &c.	3,238,700	436,348	2,643,462*	2,207,114	...
GRAND TOTAL	75,741,000	63,047,800	68,172,694	5,124,894	...

* Includes instalments for 1881-82 and adjustment of future instalments on account of Military operations in Afghanistan received from H. M.'s Treasury, £2,305,000.

COMPTROLLER GENL.'S OFFICE,
CALCUTTA;
The 30th June 1882.

ERAL'S OFFICE.

eleventh month of the year 1881-82, as compared with the corresponding period of 1880-81.

sterling @ Rs. 10 to the Pound Sterling.

EXPENDITURE.	Estimates, 1881-82.	April 1880 to Feb. 1881.	April 1881 to Feb. 1882.	COMPARISON OF TWO YEARS. Increase.	Decrease.
	£	£	£	£	£
1.—Interest on Funded and Unfunded Debt	3,576,700	3,098,459	3,276,646	178,187	...
2.—Interest on Service Funds and other Accounts	407,300	335,405	399,756	64,351	...
3.—Refunds and Drawbacks	350,000	400,994	357,204	...	43,790
4.—Land Revenue	3,031,100	2,585,929	2,603,087	17,158	...
5.—Forests	565,800	335,447	400,863	65,416	...
6.—Excise on Spirits and Drugs	99,000	106,093	87,629	...	18,464
7.—Assessed Taxes	15,000	20,115	12,246	...	7,869
8.—Provincial Rates	48,000	44,424	45,394	970	...
9.—Customs	206,000	181,656	177,777	...	3,879
10.—Salt	428,000	329,669	408,609	78,940	...
11.—Opium	2,262,500	1,966,345	1,972,524	6,179	...
12.—Stamps	74,000	68,909	70,658	1,749	...
13.—Registration	186,000	157,681	160,837	3,156	...
14.—Mint	85,200	69,167	65,772	...	3,395
15.—Post Office	997,900	1,092,006	945,494	...	146,512
16.—Telegraph	459,600	362,968	381,219	18,251	...
17.—Administration	1,298,900	1,141,644	1,117,532	...	24,112
18.—Minor Departments	438,700	320,809	479,077	158,268	...
19.—Law and Justice	3,349,600	2,904,590	2,872,055	...	32,535
20.—Police	2,571,000	2,243,618	2,250,139	6,521	...
21.—Marine	432,100	340,398	347,473	7,075	...
22.—Education	1,057,600	881,698	947,579	65,881	...
23.—Ecclesiastical	158,200	143,002	147,527	4,525	...
24.—Medical Services	690,500	580,472	595,673	15,201	...
25.—Stationery and Printing	424,400	374,882	402,078	27,196	...
26.—Political	535,700	359,306	538,117	178,811	...
27.—Allowances and Assignments	1,881,900	1,223,004	1,204,583	...	18,421
28.—Civil Furlough and Absentee Allowances	4,000	5,474	4,033	...	1,441
29.—Superannuation, Retired and Compassionate Allowances	708,000	723,736	654,583	...	69,153
30.—Miscellaneous	251,000	216,175	228,855	12,680	...
31.—Famine Relief	1,500,000	711	323,250	322,539	...
37.—Loss by Exchange	3,475,000	2,758,800	3,304,787	545,987	...
TOTAL	31,568,700	25,373,586	26,783,056	1,409,470	...
32.—Railways — *Guaranteed Railways.*					
Working Expenses	4,760,000	3,873,595	3,421,931	...	451,664
Land and Supervision	78,900	43,778	69,769	25,991	...
Interest in India	4,800	*146,530	15,190	...	131,340
Surplus Profits paid to Railway Companies	165,300	358,040	333,330	...	24,710
State Railways.					
Working Expenses	2,086,000	3,148,229	1,891,705	...	1,306,945
Surplus Profits, &c., East Indian Railway	204,600		198,164		
Frontier Railways	386,000		—248,586		
33.—Irrigation and Navigation, including Madras Irrigation, Interest, &c.	1,351,700	777,153	889,273	112,120	...
34.—Other Public Works	4,939,400	2,824,765	3,391,782	567,107	...
35.—Provincial and Local Surpluses	114,000	...	...	...	...
36.—Army	12,392,000	19,627,773	11,792,874	...	5,754,202
Military Operations in Afghanistan	2,271,000		2,080,697		
TOTAL	60,322,400	56,173,449	50,619,185	...	5,554,264
England, including Army, Public Works and Guaranteed Interest, &c.	14,563,600	13,292,603	13,368,976	76,373	...
TOTAL	74,886,000	69,466,052	63,988,161	...	5,477,891
38.—*Productive Public Works*—					
Capital Expenditure in India	3,010,000	2,606,480	1,955,882	...	650,598
Ditto ditto in England	1,863,000	504,437	325,562	...	178,875
TOTAL	4,873,000	3,110,917	2,281,444	...	829,473
GRAND TOTAL	79,759,000	72,576,969	66,269,605	...	6,307,364

* Includes write-back of exchange on net revenue transferred, £138,434.

E. W. KELLNER,
Depy. Comptroller General.

J. WESTLAND,
Comptroller General.

POST OFFICE.

NOTIFICATIONS.

List of Unclaimed Letters lying in the Calcutta Post Office on the 25th June 1882.

Arbuthnot, E. S.	Gasper, A. H.	Peterson, E.
Archer, M. F.	Genard, J. C.	Phillips, J.
Bennet, Miss.	Graham, W. P.	Ross, Mrs.
Bernard, Miss.	Harston, J.	Sane, H. C.
Chapman, G.	Horn, Mrs. P.	Simpson, Mrs. C.
Claredge, Mrs. B.	Jacob, A.	Syndale, S. C.
Domphy, G. C.	Lackersteen, Miss M.	Thomas, M.
Dover, R. J.	Martin, A. C.	Whitehead, Miss C.
Foster, Mrs. G.	McLarty, A.	Wollaston, W. C.
Gordon, S. C.	Myers, B.	Wood, T.

Letters marked "Care of Post Office, to be kept till called for."

Alston, L.	G. L.	Munro, W.
Antonio, D.	Garanger, George.	Orinstein, Signiori
A. Z.	Gardener, Captain J. T.	Scapria.
Bad, Mrs.	Gibson, Mrs. Ellen.	Peerotti, H.
Bailey, J. R.	Haukivez, C.	Pereira, E. S. B.
Bell, Captain M. S.	Hansen, H. W. F.	Phillips, A.
Bercavetz, Abraham.	Hartley, S. R.	Rex, Miss.
Bookman, C.	Harvey, Sir Charles.	Rhodes, D.
Bose, K. B.	Hearne, T.	Rock, Mr.
Bose, P. N.	Herbert, Mrs. R.	Roe, Lt. R. J.
Braham, Mrs. A.	Jacky, Monsieur R.	Span, J. M.
Burlington, C.	Jox, Henry.	Stobie, Lt. J. C.
C. B. A.	Kanai Lall Seal.	Strachan, E.
C. B. & Co.	Kegel, F. G. M.	Strongs, W. S.
C. F. S.	Kennedy, R. H.	Stuart, William.
Concannon, J.	Kennet, C. A.	Thornhill, H. B.
Cooper, Frank	Leney, A.	Thomas, W. H
Cresswell, G. W.	Lissant, S. H.	Traiche, Miss E.
Crow, Mrs. Eliza.	Mackenzie, H. W. K.	Urage, Mrs. J.
Dexter, J. B.	Massy, J.	Warnier, M.
Dodds, F. L.	McIntyre, J.	Wilkinson, S.
Driscoll, D. O.	McReynolds, John.	Wright, Mrs H.
Dun, E. W.	Morrison, D. J.	W. S. G.
Egan, Mrs. E.		

Registered Letters.

Burdett & Co.	Howard, E.	"Queenie."
"E. D."	Ochme, D.	Surilluri, Barnard.
Harrey, Serjeant C.		

Calcutta, the 30th June 1882.

It is hereby notified for general information that the following mail despatches to Ceylon will be made from the Calcutta General Post Office during July 1882 :—

DATE OF CLOSING.	ROUTE.
7th July 1882* ...	By B. I. S. N. Co.'s private vessel.
10th July 1882* ...	By Ducal Line private vessel.
11th July 1882 ...	By P. & O. Steamer from Bombay.
13th July 1882 ...	By P. & O. Steamer from Calcutta.
17th July 1882 ...	By French Steamer.
21st July 1882* ...	By B. I. S. N. Co.'s private vessel.
25th July 1882 ...	By P. & O. Steamer from Bombay.
27th July 1882 ...	By P. & O. Steamer from Calcutta.

* These dates are subject to alteration in the event of departure of the vessels being delayed.

N.B.—The letter-box will close at 7 P.M. precisely; after which hour foreign letters, fully prepaid and bearing an extra postage stamp of four (4) annas on each cover, will be received up to 7-30 P.M.

The rate of postage on letters conveyed by private vessel is two (2) annas per ½ oz. (prepayment compulsory).

The postage on letters conveyed by the P. & O. and French steamers is three (3) annas per ½ oz. (prepayment optional).

SEA AND FOREIGN MAILS.

Foreign Mails for	Date.	Per Steamer
	1882.	
Persian Gulf	7th July	From Bombay.
Madras, Ceylon and the Intermediate Ports	6th "	Str. *Chanda.*
Colombo, Penang, Singapore, Hong-Kong, Shanghai, Yokohama and Australian Colonies	11th "	From Bombay.
Foreign Mails *vid* Bombay . .	8th "	From Bombay.*
Do. Book Post and Pattern Packets .	7th "	From Bombay.
Rangoon, Moulmein, and Straits . . .	5th "	Str. *Simla.*
Chittagong, Akyab, Kyouk Phyoo, and Rangoon	6th "	Str. *Makratta.*
Port Blair and Camorta	6th "	Str. *Maharani.*

* Also for Cape Town and Natal *vid* England can be forwarded.

N.B.—The letter-box will close at 7 P.M. precisely; after which hour foreign letters, fully prepaid and bearing an extra postage stamp of four (4) annas on each cover, will be received up to 7-30 P.M.

E. HUTTON,
Presidency Post Master.

NOTICE.

Waste Lands available for Planters in the Tavoy District.

Waste lands, covered at present with forest, bamboos or grass, are available for plantations of coffee, tea, cinchona, or spices at altitudes varying from 100 feet to 6,800 feet above the sea in the Tavoy district. This region is between the 13th and 14th parallels of north latitude, and the rainfall ranges from 190 to 220 inches a year. The lands are mostly within 30 to 50 miles of the steamer station of Thayetchoung on the Tavoy river. Mail steamers ply between Thayetchoung and Moulmein or Rangoon once a week inwards and outwards.

II.—Grants of land in lots ranging from 100 to 1,200 acres can be had for planting tea, coffee, cinchona, or spices on application to the Deputy Commissioner of Tavoy. Such grants will be made in accordance with the "Burma Land and Revenue Act, 1876," and with the rules sanctioned thereunder by the Governor General of India in Council. Copies of the Act and rules can be obtained by intending planters on application to the Deputy Commissioner of Tavoy, the Commissioner of Tenasserim at Moulmein, or the Secretariat, Rangoon.

III.—In addition to the concessions and conditions laid down in the Act and rules, the following special concessions will be made to persons taking up land for plantations of coffee, tea, cinchona, or spices in Tavoy, namely,—

(1) A grantee must bring under cultivation one-third of his grant within 12 years from the date of his obtaining the grant. If, after the expiration of 12 years, any surplus uncultivated land, in excess of two acres of waste for each acre of cultivated land, shall remain on the grant, such surplus waste shall then revert to Government; and the grantee shall have no further claim or right in the surplus which has so reverted.

(2) A grantee will not be liable to pay any land revenue or any price for the land of his grant until the end of the tenth year after he enters on possession, provided that he takes *bonâ fide* steps to cultivate a reasonable proportion of the grant with coffee, tea, cinchona, or spices. In the event of any grantee desiring a more precise definition of a "reasonable proportion," the Chief Commissioner may decide beforehand in each case what proportion of the grant ought to be thus cultivated in each year.

(3) After the end of the tenth year the grantee will be liable to pay land revenue at the rate of Rs. 1-4-0 per acre and cesses at the rate of two annas per acre on one-third of his grant up to the year 1900 A. D.; after the expiration of such year he will be liable to pay for one-third of his grant the same revenue rate as is paid for garden lands in the nearest revenue circle where a garden rate obtains.

(4) A grantee will not be called upon to pay anything for timber, bamboos, or grass which he may cut upon his grant, provided he takes *bonâ fide* steps as aforesaid to cultivate coffee, tea, cinchona, or spices.

IV.—The only payment which a grantee will have to make on receiving his grant will be eight annas an acre for the cost of survey and demarcation. In consideration of such payment the Deputy Commissioner will cause a survey to be made of the grant, will furnish the grantee with a copy of such survey, and will cause boundary marks to be erected at suitable points in the outer boundary of the grant.

V.—The wishes of applicants will be met as far as possible in regard to the situation and shape of their grants. But ordinarily—

(*a*) no grant will be given where the Forest Department intend to make a forest reserve;

(*b*) no grant will be given on such a place as will unduly circumscribe the extension of cultivation of the grazing grounds of any neighbouring village or hamlet;

(*c*) grants facing a road or navigable stream will have to be of a depth double the length facing such road or navigable stream;

(*d*) small strips will be reserved leading to landing places for the benefit of neighbouring villages and grantees.

VI.—The Government is now spending much larger sums than heretofore on roads in the Tavoy district. If planters settle in the district, further funds will be allotted for roads from their neighbourhood to the steamer station at either Tavoy or Thayetchoung.

VII.—In order to encourage pioneers in the coffee and cinchona enterprise in Tavoy, the Government will pay to the first four grantees who begin *bonâ fide* planting operations Rs. 15 per head for every Indian or Chinese coolie, male or female, over 16 years of age, who may be settled and housed on their plantations before the 1st March 1885.

VIII.—In any case of doubt regarding the *bonâ fide* character of operations for the purposes of concessions III and VII, the Deputy Commissioner will decide, and his decision will be subject to appeal to the Commissioner of Tenasserim, whose decision will be final.

IX.—All minerals and metals under and within the lands granted under these rules are reserved by Government, together with a right to enter upon and resume such portion of land as may be necessary for examining or working mines upon payment of just compensation to the grantee for loss of, or injury done to, the surface.

G. D. BURGESS,

Secy. to the Chief Commr., British Burma.

The 6th April 1882.

GOVERNMENT CINCHONA FEBRIFUGE.

This preparation is an efficient substitute for Quinine and can be purchased by Government officers for public and charitable purposes, and by any one taking *twenty pounds* at a time, from the Superintendent, Botanical Garden, Calcutta, *for cash only*, at the following rates:—per four ounce tin, *Rs. 4-8;* per eight ounce tin, *Rs. 8-8;* per pound tin, *Rs. 16-8.* The general public can be supplied by the Superintendent, Botanical Garden, *for cash only*, at the under-noted rates:—per four ounce tin *Rs. 5-8;* per eight ounce tin *Rs. 10-8;* per pound tin, *Rs. 20.* This medicine is also sold by the principal European and Native druggists in Calcutta. Postage 8 annas per four and eight ounce tins, and 12 annas per pound tin, in addition to the foregoing rates.

گورنمنٹ سنکونا فبري فيوج

يهه دوا كوئينائين كا خوب قائم مقام هى اور كلكته كے بوٹانكل گارڈن يعنے كمپني باغ كے سپرنٹنڈنٹ صاحب سے هرايك ملازم سركاري واسطے سركاري كام اور خيرات كے اور سيواے اونكے جو كوئي ايك مشت بيس پونڈ خريد ليے سے بقيمت نقد حسب نرخ ذيل خريد كرسكتے هين يعنے نرخ چار اونس كے ٹين كا چار روپيه آٹهه آنه ; آٹهه اونس كے ٹين كا آٹهه روپيه آٹهه آنه ; ايك پونڈ كے ٹين كا سوله روپيه آٹهه آنه

اور عوام الناس بوٹانكل گارڈن يعنے كمپني باغ كے سپرنٹنڈنٹ صاحب سے بقيمت نقد حسب نرخ ذيل خريد كرسكتے هين يعنے نرخ چار اونس ٹين كا پانچ روپيه آٹهه آنه ; ٹهه اونس كے ٹين كا دس روپيه آٹهه آنه ; ايك پونڈ كے ٹين كا بيس روپيه

يهه دوا كلكته كے بڑے بڑے ولايتي اور دیسي دواخانونمين بكتي هى ماسيواے قيمت مذكورۂ بالا كے محصول ڈاك چار اور آٹهه اونس كے ٹين كا آٹهه آنه ; اور ايك ونڈ كے ٹين كا بارہ آنه

Meteorological Publications for Sale.

The following publications of the Meteorological Office of the Government of India are on sale and can be procured at the Meteorological Office, No. 4, Middleton Row, or either at Messrs. Thacker, Spink & Co., or at Messrs. Brown & Co., at the prices noted against them:—

	Rs.	A.	P.
Report on the Meteorology of India, in 1875, 4to., 89 pages text, 297 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India, in 1876, 4to., 97 pages text, 340 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India in 1877, 4to., 173 pages text, 375 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India, in 1878, 4to., 149 pages text, 380 pages tables, 3 plates, 4 charts ...	8	0	0
Indian Meteorological Memoirs, Vol. I, Part I, 4to., 118 pages, 9 plates	2	8	0
Indian Meteorological Memoirs, Vol. I, Part II, 4to., 63 pages, 4 plates	1	8	0
Indian Meteorological Memoirs, Vol. I, Part III, 4to., 86 pages, 2 plates	1	8	0
Indian Meteorological Memoirs, Vol. I, Part IV, 4to., 62 pages, 8 plates	1	8	0
Rainfall Chart of India, showing the average annual distribution of rainfall (in colors)	1	0	0
Report on the Vizagapatam and Backergunge Cyclones, October 1876, 4to., 87 pages, 4 plates ...	2	0	0
Report on the Madras Cyclone, May 1877, 4to., 117 pages text, 97 pages tables, 5 plates ...	2	8	0

HENRY F. BLANFORD,

Meteorological Reporter to Government of India.

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MESSRS. THACKER AND CO., BOMBAY;
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THE GOVERNMENT CENTRAL BOOK DEPOT, BOMBAY;
THE GOVERNMENT BOOK DEPOT, ALLAHABAD.

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AND OBTAINABLE FROM THE SOCIETY'S LONDON AGENTS, MESSRS. TRÜBNER & CO., 57 AND 59, LUDGATE HILL, LONDON, E. C.

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„ 11. Exhibition of a fixed light on Dennis island, Seychelle islands.
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PART V.

Bills introduced into the Council of the Governor General for making Laws and Regulations, or published under Rule 22.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

[Third publication.]

The following Bill was introduced into the Council of the Governor General of India for the purpose of making Laws and Regulations on the 14th June, 1882, and was referred to a Select Committee:—

No. 8 OF 1882.

THE PANJÁB UNIVERSITY BILL, 1882.

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PART I.—OFFICES TO BE DEEMED TO HAVE BEEN SPECIFIED IN SECTION 6, CLAUSE (*a*).

PART II.—PERSONS TO BE DEEMED TO HAVE BEEN APPOINTED FELLOWS UNDER SECTION 6, CLAUSE (*b*).

A Bill to establish and incorporate the University of the Panjáb.

Preamble.

WHEREAS an Institution, styled at first the Lahore University College but subsequently the Panjáb University College, was established at Lahore in the year 1869 chiefly for the purpose of promoting the diffusion of European science, as far as possible, through the medium of the vernacular languages of the Panjáb, improving and extending vernacular literature generally, affording encouragement to the enlightened study of the Eastern classical languages and literature, and associating the learned and influential classes of the Province with the officers of Government in the promotion and supervision of popular education;

But it was at the same time provided that every encouragement should be afforded in that institution to the study of the English language and literature, and that in all subjects which could not be completely taught in the vernacular the English language should be regarded as the medium of examination and instruction therein;

And whereas this Institution was by a Notification, No. 472, dated 8th December, 1869, published in the *Panjáb Government Gazette* of the twenty-third day of December, 1869, declared to be so established in part fulfilment of the wishes of a large number of the Chiefs, Nobles and influential classes of the Panjáb, and it is now expedient, the said Institution having been attended with success, further to fulfil the wishes of the said Chiefs, Nobles and influential classes, by constituting the said Institution a University for the purpose of ascertaining, by means of examination or otherwise, the persons who, having studied in such Colleges as may be affiliated in manner hereinafter provided, have acquired proficiency in different branches of Literature, Science and Art, and for the purpose of conferring upon them academical degrees, diplomas, licenses and marks of honour;

And whereas it is also expedient that the University so constituted should be incorporated, and

that the property, moveable and immoveable, which has been hitherto held by, or in trust for, the said Institution should become the property of the University, subject to all existing trusts as to the manner in which, and the purposes to which, that property or any part thereof is to be applied;

The draft Bill referred to is that annexed to Panjáb letter No. 1277, dated 30th March, 1881.

It is hereby enacted as follows:—

Draft Bill, s. 1.

Short title. Commencement.

1. This Act may be called the Panjáb University Act, 1882; and it shall come into force at once.

cf. draft, s. 2. cf. also 42 & 43 Vic., c. 65, s. 2.

Establishment of University.

2. (1) A University shall be established at Lahore under the patronage of the Governor General for the time being.

Draft, s. 4: Act II of 1857, s. 3. cf. 42 & 43 Vic., c. 65, s. 3.

(2) The University so established shall consist of a Chancellor, a Vice-Chancellor and such number of Fellows as may be determined in manner hereinafter provided.

Draft, ss. 2 & 3: Act II of 1857, ss. 1 & 2. cf. 42 & 43 Vic., c. 65, s. 3.

University to be a Body Corporate.

(3) The University shall be a Body Corporate by the name of the University of the Panjáb, having perpetual succession and a common seal, with power to acquire and hold property, moveable or immoveable, to transfer the same, to contract, and to do all other things necessary for the purposes of its constitution.

(4) The University shall come into existence on such day as the Local Government may by notification in the official Gazette appoint in this behalf.

New. cf. 42 & 43 Vic., c. 65, s. 12.

Property of Panjáb University College to vest in University.

3. All the property, moveable and immoveable, at present held by or in trust for the Panjáb University College shall, when this Act comes into force, become the property of the University, to be administered by it for the purposes of the University subject to all existing trusts as to the manner in which, and the purposes to which, that property or any part thereof is to be applied.

Draft, s. 5: Act II of 1857, s. 4.

Chancellor.

4. The Lieutenant-Governor of the Panjáb for the time being shall be the Chancellor of the University; and the first Chancellor shall be the Hon'ble Sir Charles Umpherston Aitchison, Knight Commander of the Most Exalted Order of the Star of India, Companion of the Order of the Indian Empire, Doctor of Laws.

Draft, s. 6: Act II of 1857, s. 5.

Vice-Chancellor.

5. The Vice-Chancellor shall be such one of the Fellows as the Chancellor may, from time to time, by notification in the local official Gazette, appoint in this behalf.

He shall hold office for two years from the date of his appointment, and on the expiration of his term of office may be reappointed.

Draft, s. 8.

Fellows.

6. The following persons shall be Fellows, namely:—

(a) every person who has held the office of Chancellor and all persons for the time being holding such offices under Government as the Chancellor may, from time to time, by notification in the local official Gazette, specify in this behalf;

(b) persons whom the Chancellor may, from time to time, by like notification, appoint by name as being eminent benefactors of the Panjáb University, original promoters of the movement in favour of the establishment of the Panjáb University College, or persons distinguished for attainments in Literature, Science or Art, or for zeal in the cause of education;

(c) such persons (if any) as may from time to time be elected by the Senate hereinafter constituted, and approved by the Chancellor; and — Draft, s. 9.

(d) the representatives for the time being with the Government of the Panjáb of such Chiefs (if any) of territories not comprised in British India as the Lieutenant-Governor may, from time to time, by like notification, specify in this behalf:

Provided—

Number of Fellows.

(1) that the whole number of the Fellows holding office under clauses (a), (b) and (c) exclusive of the Vice-Chancellor shall never be less than fifty; and — Draft, s. 7: Act II of 1857, s. 6.

(2) that the number of persons elected under clause (c) shall never exceed the number appointed under clause (b).

The appointment of a Fellow may be cancelled.

7. The Chancellor may, whenever he thinks fit, by a notification in the local official Gazette, cancel the appointment of any Fellow appointed under section six, clause (b), or cancel or amend any notification issued under section six, clause (a) or clause (d). — Draft, s. 10: Act II of 1857, s. 7.

Office of Vice-Chancellor vacated by leaving India.

8. If a Vice-Chancellor leaves India without the intention of returning thereto, he shall thereupon cease to be Vice-Chancellor. — Draft, s. 4.

First Vice-Chancellor and Fellows appointed.

9. (1) James Broadwood Lyall, Esquire, of the Bengal Civil Service, and at present Financial Commissioner of the Panjáb, shall be deemed to have been appointed the first Vice-Chancellor under section five; and his term of office shall expire on the first day of September, 1884. — Draft, s. 2: Act II of 1857, s. 5.

(2) The offices specified in Part I of the schedule hereto annexed shall be deemed to have been specified in a notification issued under section six, clause (a); and

(3) the persons named in Part II of that schedule shall be deemed to have been appointed Fellows under clause (b) of that section.

Chancellor, Vice-Chancellor and Fellows to form Senate of the University.

10. (1) The Chancellor, Vice-Chancellor and Fellows for the time being shall form the Senate of the University. — Draft, s. 11: Act II of 1857, s. 8.

Senate to superintend the affairs of the University.

(2) The Senate shall have the entire management and superintendence over the affairs, concerns and property of the University, and shall provide for that management and exercise that superintendence at meetings convened in accordance with the rules made under this Act.

Chairman appointed.

11. At every meeting of the Senate the Chancellor, or in his absence the Vice-Chancellor, shall preside as Chairman; and, in the absence of both, a Chairman shall be chosen by the Fellows present, or the majority of them.

Questions to be decided at meetings of the Senate.

12. Every question which comes before the Senate at a meeting shall be decided by a majority of the votes of the members present; and the Chairman at any such meeting shall have a vote, and, in case of an equality of votes, a second or casting vote: — Draft, s. 12: Act II of 1857, s. 9.

Provided that no question shall be decided at any such meeting unless fourteen Fellows at the least besides the Chairman are present at the time of the decision.

Number of members to be present at meeting of Senate.

Draft, s. 13: Act II of 1857, s 10.

13. Subject to such rules as may be made under this Act, the Senate may from time to time appoint and remove all examiners, officers and servants of the University, and may also appoint a Syndicate.

Appointment and removal of examiners and officers.

Draft, s. 14.

14. *(1)* The Senate may confer on all persons who have gone through such previous course of instruction in an affiliated college, passed such examinations in the University, and fulfilled such other conditions as may be prescribed by the rules to be made under this Act,—

Power to confer degrees, &c., after examination.

Act II of 1857, s. 11.

(*a*) the degrees of Bachelor of Arts, Master of Arts, and, if empowered by the Governor General in Council in this behalf, the degrees of Bachelor of Laws, Bachelor of Medicine, Doctor of Medicine and Master of Civil Engineering, as the case may be;

Act XLVII of 1860, s. 1.

(*b*) such other degrees and such diplomas or licenses as may be prescribed by any rules made under this Act; and

Act II of 1857, s. 11.

(*c*) such marks of honour for a high degree of proficiency in the different branches of Literature, Science and Art as may be prescribed by rules made as aforesaid.

(2) "Affiliated College" in this section means such Colleges as may from time to time be affiliated to the University by an order of the Senate approved of by the Local Government and confirmed by the Governor General in Council.

(3) An order affiliating a College may be rescinded by an order similarly made, approved and confirmed.

Draft, s. 16: Act II of 1857, s. 13.

15. Notwithstanding anything in section fourteen, the Senate may confer degrees, diplomas, licenses or marks of honour as provided by that section on all persons who have in the year 1882, and previous to the passing of this Act, passed such examinations prescribed by the Panjáb University College as may be sufficient to satisfy the Senate that they are persons qualified in point of learning to obtain those degrees, diplomas, licenses or marks of honour.

Power to confer degrees on persons who have passed examinations at the Lahore University College in 1882.

Draft, s. 15: Act XXI of 1875, s. 1.

16. Notwithstanding anything hereinbefore contained, the Senate may grant a degree to any person without requiring him to undergo any examination for that degree:

Power to confer honorary degrees.

Provided that the Vice-Chancellor, and not less than ten of the members of the Syndicate appointed under section thirteen (exclusive of the Vice-Chancellor, if a member of that Syndicate) certify in writing that in their opinion that person is, by reason of eminent position and attainments, a fit and proper person to receive such degree.

Draft, s. 18: Act II of 1857, s. 15.

17. The Senate may charge such reasonable fees, on admission into the University, for continuance therein, and for the degrees, diplomas and licenses to be conferred by it, as the University, with the approbation of the Chancellor, from time to time, thinks fit to impose.

Power to levy fees.

Draft, s. 11.

18. *(1)* The Senate may from time to time make rules consistent with this Act touching—

Power to make rules.

(*a*) the mode and time of convening the meetings of the Senate;

(*b*) the appointment, removal and remuneration of the examiners, officers and servants;

(*c*) the appointment of the Syndicate;

(*d*) the previous course of instruction to be followed, the examinations to be passed, and the other conditions to be fulfilled by candidates for degrees, diplomas, licenses and marks of honour respectively;

(*e*) the conduct of examinations for the mode of granting, and the titles of, degrees, diplomas, licenses and marks of honour; and

(*f*) generally all matters regarding the University.

(2) All such rules shall be reduced into writing, and shall, after the common seal of the University has been affixed thereto, and they have been confirmed by the Lieutenant-Governor and sanctioned by the Governor General in Council, be binding on all persons, members of the University, or admitted thereto, and on all candidates for degrees, diplomas, licenses and marks of honour.

THE SCHEDULE.

(*See Section 9.*)

PART I.

Offices to be deemed to have been specified under section 6, clause (*a*):—

Judge of the Chief Court, Panjáb;
Financial Commissioner of the Panjáb;
Surgeon-General of the Panjáb;
Commissioner of Lahore;
Commissioner of Delhi;
Commissioner of Amritsar;
Accountant-General of the Panjáb;
Director of Public Instruction, Panjáb;
Principal of the Lahore Government College;
Principal of the Lahore Medical School;
Inspector of Schools;
Deputy Commissioner of Lahore
Deputy Commissioner of Delhi;

PART II.

Persons to be deemed to have been appointed Fellows under section 6, clause (*b*):—

His Highness Mahárájá Ranbír Singh, of Jammu and Kashmir, G.C.S.I., C.I.E., Counsellor of the Empress of India;

His Highness Mahárájá Rájindar Singh, of Patiala;

His Highness Nawáb Sádik Muhammad Khán, of Bahawalpur, G.C.S.I.;

His Highness Rájá Raghbír Sing, of Jind, G.C.S.I., C.I.E., Counsellor of the Empress of India;

His Highness Rájá Hira Singh, of Nabha, G.C.S.I.;

His Highness Rájá Jagatjit Singh, of Kapurthala;

Rájá Bije Sen of Mandi;

Nawáb Ibrahim Ali Khán, of Máler Kotla;

Nawáb Abdul Majíd Khán;

Sardár Ajít Singh, Atáriwála;
Rai Amín Chand, Sardár Bahádur;
Maláz-ul-Ulma Sardár Atar Singh, C.I.E., of Bhadaur;
Major-General Henry Prevost Babbage, Bengal Staff Corps, late Deputy Commissioner, Panjáb;
David Graham Barkley, Esquire, M.A., Bengal Civil Service, Barrister-at-Law;
Deputy Surgeon-General Henry Walter Bellew, C.S.I.;
Reverend Edward Bickersteth, M.A.;
Charles Boulnois, Esquire, Barrister-at-Law, late Judge, Chief Court, Panjáb;
Sardár Bikrama Singh, C.S.I., Ahluwália;
Arthur Brandreth, Esquire, Barrister-at-Law, late of the Bengal Civil Service, and Judge, Chief Court, Panjáb;
Surgeon-Major Thomas Edwin Burton Brown, M.D.;
James Scarlett Campbell, Esquire, late of the Bengal Civil Service, and Judge, Chief Court, Panjáb;
Surgeon-Major William Center, M.D., M.A.;
Reverend Robert Clark, M.A.;
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The Hon'ble Henry Stuart Cunningham, Esquire, M.A., Barrister-at-Law, Judge of the High Court, Calcutta;
Surgeon-Major Alexander Morrison Dallas;
Mansel Longworth Dames, Esquire, Bengal Civil Service;
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Sir Robert Henry Davies, K.C.S.I., C.I.E., late Lieutenant-Governor of the Panjáb and its Dependencies;
Colonel William George Davies, C.S.I.;
Sir Robert Eyles Egerton, K.C.S.I., C.I.E., Counsellor of the Empress, late Lieutenant-Governor of the Panjáb and its Dependencies;
Dennis Fitzpatrick, Esquire, B.A., Bengal Civil Service, Barrister-at-Law;
Reverend C. W. Foreman, D.D.;
The Right Reverend Thomas Valpy French, D.D., Lord Bishop of Lahore;
Munshi Ghulám Nabi;
Surgeon-Major Robert Gray, M.B.;
Major Leopold John Henry Gray, C.S.I., Bengal Staff Corps;
Sir Lepel Henry Griffin, K.C.S.I., Bengal Civil Service;
Pandit Guru Parshád;
Syad Hádi Husain Khan;
Rája Harbans Singh;
Kaur Harnám Singh, Ahluwália;
Edward Piercy Henderson, Esquire, Bengal Civil Service, Barrister-at-Law;
Surgeon-Major George Henderson, M.D.;
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Lieutenant-Colonel William Rice Morland Holroyd;
Reverend W. Hooper, M.A.;
Reverend T. P. Hughes, B.D.;
Munshi Hukm Chand;
Sodhi Hukm Singh;
Denzil Charles Jelf Ibbetson, Esquire, B.A., Bengal Civil Service;
Rájá Jahándád Khán, Khán Bahádur, Ghakkar;
Agha Kalbabid;
Fakír Syad Kamr-ud-din;
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Bába Khem Singh, C.I.E., Bedi;
John Lockwood Kipling, Esquire;
Charles Robert Lindsay, Esquire, late of the Bengal Civil Service, and Judge, Chief Court Panjáb;
Surgeon Edward Lawrie, M.D.;
Gottlieb William Leitner, Esquire, M.A., PH.D., LL.D.
Thomas Crampton Lewis, Esquire, M.A.;
James Broadwood Lyall, Esquire, Bengal Civil Service.
General Robert Maclagan, R.E., late Secretary to Government, Panjáb, Public Works Department;
Colonel Charles Alexander McMahon;
The Ven'ble Henry James Matthew, M.A., Archdeacon of Lahore;
Colonel Julius George Medley, R.E.;
Philip Sandys Melvill, Esquire, C.S.I., late of the Bengal Civil Service, and Governor-General's Agent, Baroda;
John Andrew Erasmus Miller, Esquire;
Pandit Moti Lal, Káthju;
Khán Bahádur Muhammad Barkat Ali Khán;
Muhammad Hyat Khán, C.S.I.;
Khalifa Syad Muhammad Hussain;
Rái Mul Singh;
Násir Ali Khán, Kazilbásh;
Náwab Nawázish Ali Khán;
Major Edward Newbery;
Bábu Navina Chandra Rái;
Edward O'Brien, Esquire, Bengal Civil Service;
Henry Edmund Perkins, Esquire, Bengal Civil Service;
Henry Meredith Plowden, Esquire, B.A., Barrister-at-Law;
Major-General Charles Pollard, R.E.;
Baden Henry Baden-Powell, Esquire, Bengal Civil Service;
Edward Augustus Prinsep, Esquire, late of the Bengal Civil Service, and Settlement Commissioner, Panjáb;
Honorary Surgeon Rahim Khán, Khán Bahádur;
Diwán Rám Náth;
William Henry Rattigan, Esquire, M.A., PH.D., Barrister-at-Law;
Pandit Rikhí Kesh;
Rájá Sir Sahib Dyál, K.C.S.I.;
Rái Bahádur Sahib Singh;
Leslie Seymour Saunders, Esquire, Bengal Civil Service;
David Simson, Esquire, late of the Bengal Civil Service, and Judge, Chief Court, Panjáb.
Brigade-Surgeon John Barcley Scriven, late Civil Surgeon, Lahore;
John Sime, Esquire, B.A.;
Surgeon-General Charles Manners Smith, late of the Indian Medical Service;
John Watt Smyth, Esquire, Bengal Civil Service, Barrister-at-Law;
Charles Henry Spitta, Esquire, LL.B., Barrister-at-Law;
Thomas Henry Thornton, Esquire, D.C.L., C.S.I., late of the Bengal Civil Service, and Judge, Chief Court, Panjáb;
Thomas William Hooper Tolbort, Esquire, Bengal Civil Service, Barrister-at-Law;
Charles Lewis Tupper, Esquire, B.A., Bengal Civil Service;
Major Isaac Peatt Westmoreland, R.E.;
Lieutenant-Colonel George Gordon Young;
William Mackworth Young, Esquire, M.A., Bengal Civil Service;
Maulvi Ziá-ud-din Khán.

STATEMENT OF OBJECTS AND REASONS.

IN the year 1869 the Governor General in Council was pleased, in accordance with the recommendations of the Lieutenant-Governor of the Panjáb, and in part fulfilment of the wishes of a large number of the chiefs, nobles and influential classes of the Panjáb, to sanction the establishment at Lahore of an institution, then styled the Lahore University College, but subsequently styled the Panjáb University College. The special objects of this College, as stated by its statutes, were as follows :—

(1) to promote the diffusion of European science as far as possible through the medium of the vernacular languages of the Panjáb, and to improve and extend vernacular literature generally ;

(2) to afford encouragement to the enlightened study of Eastern classical languages and literature; and

(3) to associate the learned and influential classes of the Province with the officers of Government in the promotion and supervision of popular education.

It was, however, at the same time laid down that every encouragement should be afforded to the study of the English language and literature, and that in all subjects which could not be completely taught in the Vernacular the English language would be regarded as the medium of examination and instruction.

At the time of the establishment of this College, promises were held out by Government that, if attended with due success, it might eventually be raised to the status of a University; and large sums of money have been, from time to time, given to the College by the chiefs and influential classes of the Panjáb, who have long looked forward to the fulfilment of these promises. As the College has, in the opinion of Government, been attended with due success, it has been determined to carry out what is believed to be the almost universal wish of the Natives of the Panjáb who are interested in education, and constitute the College a University.

2. The present Bill has, therefore, been prepared. Section 2 establishes the University, and confers on it all the powers of a body corporate. Section 3 provides for the transfer to the University of all the property at present held by or in trust for the University College. Sections 4 to 8 deal with the constitution of the University, and provide for a Chancellor, who is to be the Lieutenant-Governor of the Panjáb for the time being, a Vice-Chancellor to be appointed by the Chancellor, and a body of Fellows.

The Fellows will be of four classes, namely: (1) the holders for the time being of certain offices, who are to be *ex-officio* Fellows; (2) persons appointed by the Chancellor as being eminent benefactors of the University, original promoters of the movement in favour of the Panjáb University College, or persons distinguished for attainments in literature, science or art, or by zeal in the cause of education; (3) persons chosen by the Senate and approved by the Chancellor; and (4) the representatives for the time being with the Government of the Panjáb of such independent Native chiefs as the Lieutenant-Governor may by notification in the Gazette specify. The schedule annexed to the Act contains a list of the persons who are to be deemed to be the first Fellows. Sections 10, 11 and 12 provide for a Senate and matters connected therewith. Section 13 empowers the Senate to appoint and remove all examiners, officers and servants of the University. Section 14 empowers it to confer certain degrees, but restricts the exercise of the power to confer the degrees of Bachelor of Laws, Bachelor of Medicine, Doctor of Medicine and Master of Civil Engineering until the Governor General in Council has given his assent thereto; and section 15 gives it power to confer like degrees in the case of persons who may have passed during the year 1882 such examinations of the Panjáb University College as may correspond to the degree examinations of the University. Section 16 empowers the Senate to confer honorary degrees in certain cases; section 17 to levy fees; and section 18 to make rules generally in all matters regarding the University.

J. GIBBS.

The 7th June, 1882.

D. FITZPATRICK,
Secy. to the Govt. of India.

SUPPLEMENT TO

The Gazette of India.

Nº 26.} CALCUTTA, SATURDAY, JULY 1, 1882.

OFFICIAL PAPERS.

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GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

Comparative Statement of the Nett Indian Sea and Land Customs Revenue (excluding Salt Revenue) for the first two months of the official year 1882-83, and of the eleven preceding years.

(IN THOUSANDS OF RUPEES.)

YEAR.	FOR THE TWO MONTHS, APRIL AND MAY.																									YEAR.
	BENGAL.				BOMBAY.				SINDH.				MADRAS.				BRITISH BURMA.				TOTAL BRITISH INDIA.					
	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	Total Import Revenue.	Export Revenue.	Total Revenue.	
1871-72 . .	1,66	11,62	3,51	16,79	1,46	4,93	88	7,27	18	15	24	57	57	2,06	2,88	5,51	25	73	6,01	6,99	4,12	19,49	23,61	13,52	37,13	1871-72.
1872-73 . .	2,17	9,94	4,21	16,32	91	7,09	98	8,98	18	16	72	1,06	66	2,19	2,23	5,08	67	87	8,22	9,76	4,59	20,25	24,84	16,36	41,20	1872-73.
1873-74 . .	1,57	9,48	2,67	13,72	98	5,94	86	7,78	15	9	22	46	78	2,11	2,71	5,60	62	80	9,04	10,46	4,10	18,42	22,52	15,50	38,02	1873-74.
1874-75 . .	1,64	10,45	2,21	14,30	1,16	5,08	88	7,12	22	8	22	52	56	2,39	2,08	5,03	74	1,10	6,95	8,79	4,32	19,10	23,42	12,34	35,76	1874-75.
1875-76 . .	1,67	12,73	2,95	17,35	1,23	6,50	2,31	10,04	18	20	54	92	63	2,33	2,79	5,75	79	71	11,94	13,44	4,50	22,47	26,97	20,53	47,50	1875-76.
1876-77 . .	2,28	10,33	1,73	14,34	1,41	6,75	38	8,54	23	9	7	39	95	2,13	1,31	4,39	97	92	8,50	10,39	5,84	20,22	26.06	11,99	38,05	1876-77.
1877-78 . .	2,61	12,61	2,20	17,42	1,89	8,17	43	10,49	45	15	12	72	92	1,41	34	2,67	98	1,08	7,14	9,20	6,85	23,42	30,27	10,23	40,50	1877-78.
1878-79 . .	2,31	12,38	1,98	16,67	1,55	7,80	49	9,84	39	9	8	56	1,02	1,85	82	3,69	1,45	1,21	7,94	10,60	6,72	23,33	30,05	11,31	41,36	1878-79.
1879-80 . .	1,75	11,13	1,37	14,25	1,75	6,38	55	8,68	46	11	7	64	85	1,38	73	2,96	1,31	94	9,82	12,07	6,12	19,94	26,06	12,54	38,60	1879-80.
1880-81 . .	2,26	8,39	1,02	11,67	1,68	7,60	44	9,72	88	16	7	1,11	95	1,67	1,68	4,30	85	1,29	9,10	11,24	6,62	19,11	25,73	12,31	38,04	1880-81.
1881-82 . .	2,52	9,27	1,97	13,76	1,89	7,56	51	9,96	84	22	10	1,16	75	1,64	1,55	3,94	1,30	1,30	11,24	13,84	7,30	19,99	27,29	15,37	42,66	1881-82.
1882-83 . .	2,51	9	2,26	4,86	2.03	—33*	42	2,12	61	2	16	79	87	—1*	67	1,53	1,79	2	13,59	15,40	7,81	—21*	7,60	17,10	24,70	1882-83.

* The amount refunded is greater than the duty collected.

DEPARTMENT OF FINANCE AND COMMERCE,
STATISTICAL BRANCH;
Calcutta, 23rd June 1882.

D. M. BARBOUR,
Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION BRANCH.

IRRIGATION OPERATIONS IN BENGAL FOR 1882-83.

Areas leased for Irrigation up to end of April 1882.

Circle.	District.	Canal.	Supply of Water in the Canals.			Kharif.								Rabi.					Sugarcane.		Grand Total.				Grand total of the corresponding month of last year.	Rainfall.			Remarks.
						Five-year leases.			Three-year leases.			Annual leases.		Three-year leases.			Annual leases.													
			Estimated full discharge in cubic feet per second	Average discharge in cubic feet per second throughout the month.	Estimated discharge utilised.	Leased in April 1882.	Leased up to end of April 1882.	Total, inclusive of unexpired leases of previous years.	Leased in April 1882.	Leased up to end of April 1882.	Total, inclusive of unexpired leases of previous years.	Leased in April 1882.	Leased up to end of April 1882.	Leased in April 1882.	Leased up to end of April 1882.	Total, inclusive of unexpired leases of previous years	Leased in April 1882.	Leased up to end of April 1882.	Leased in April 1882.	Leased up to end of April 1882.	Kharif.	Rabi.	Sugarcane.	Total.		Inches during the month.	Inches during 1882-83.	Average of the ten previous years of the same period.	
			c. ft.	c. ft.	c. ft	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Ins.	Ins.	Ins.	
Orissa	Cuttack	Kendrapara	1,269	345·40	...	...	...	40,081	...	...	13,607	...	...	...	...	...	...	...	...	...	53,688	...	...	53,688	46,514	1·69	1·69	1·00	
		Patamoondee	1,042	43·10	...	...	...	11,272	...	...	796	...	...	...	...	...	...	...	...	...	12,068	...	...	12,068	11,734				
		High Level, Section I	675	136·70	...	...	...	13,587	...	...	626	...	...	...	...	...	...	...	5	5	14,213	...	5	14,218	14,006				
		Taldanda	1,300	182·00	...	...	...	10,076	...	...	932	...	...	...	...	...	...	...	...	...	11,008	...	...	11,008	10,352				
		Matchgong	660	103·00	...	...	...	25,269	...	...	6,197	...	...	...	...	...	...	...	...	...	31,466	...	...	31,466	28,129				
	Balasore	High Level, Section II	727·16	298·57	...	...	...	204	...	...	1,176	...	...	...	...	...	...	...	...	...	1,380	...	...	1,380	1,410				
	Total of the month		...	...	...	...	...	100,489	...	...	23,334	...	...	...	...	...	...	...	5	5	123,823	...	5	123,828	112,145	1·69	1·69	1·00	
	Total of the corresponding month of previous year		...	...	...	...	...	100,994	...	...	10,663	...	...	...	...	...	552	552	36	36	111,557	552	36	112,145	...	0·60	0·60	...	
South-Western	Midnapore	Midnapore	875	64·00	...	...	...	90,420	...	...	75	...	...	...	...	...	...	...	...	...	90,495	...	...	90,495	91,690	2·68	2·68	1·54	
	Howrah	Panchkoorah	300	12·00	...	...	...	13,337	...	...	30	...	...	...	...	...	...	...	...	...	13,367	...	...	13,367	12,129	1·51	1·51	1·09	
	Total of the month		...	...	...	...	...	103,757	...	...	105	...	...	...	...	...	...	...	...	...	103,862	...	...	103,862	103,819	4·19	4·19	2·63	
	Total of the corresponding month of previous year		...	...	...	...	...	103,520	...	...	299	...	...	...	...	...	...	...	...	...	103,819	...	...	103,819	...	1·95	1·95	3·34	
Sone	Shahabad	Western Main	4,342	1,200	...	...	...	399	...	...	...	...	...	...	...	...	...	...	1,214	1,214	399	...	1,214	1,613	1,612	0·00	0·00	0·15	
		Buxar	1,226	218	...	835	835	3,429	...	...	...	...	...	...	...	...	...	...	2,834	2,834	3,429	...	2,834	6,263	7,165				
		Arrah	1,660	400	...	251	251	33,243	...	...	...	...	...	...	...	3,347	...	...	6,074	6,074	33,243	3,347	6,074	42,664	21,241	0·05	0·05	0·26	
	Patna and Gya	Eastern Main	1,466	447	...	88	88	214	...	...	...	...	...	...	...	...	...	...	74	74	214	...	74	288	15	0·00	0·00	0·80	
		Patna				57	57	6,756	...	...	...	...	...	...	...	...	73	73	1,471	1,471	6,756	73	1,471	8,300	1,485				
	Total of the month		...	...	...	1,231	1,231	44,041	...	...	...	...	...	...	...	3,347	73	73	11,667	11,667	44,041	3,420	11,667	59,128	31,518	0·05	0·05	1·21	
	Total of the corresponding month of previous year		...	...	...	1,418	1,418	6,570	...	...	2,280	...	...	...	...	4,352	...	...	11,316	11,316	15,850	4,352	11,316	31,518	...	0·85	0·85	2·27	
	Grand total of the month		...	...	...	1,231	1,231	248,287	...	...	23,439	...	...	...	...	3,347	73	73	11,672	11,672	271,726	3,420	11,672	286,818	247,482	5·93	5·93	4·84	
	Grand total of the corresponding month of previous year		..	...	...	1,418	1,418	210,964	...	...	20,242	...	...	...	...	4,352	552	552	11,352	11,352	231,226	4,904	11,352	247,482	...	3·40	3·40	5·61	

CALCUTTA,
The 2nd June 1882.

G. F. E. S. NEILL, *Major, M.S.C.,*
Asst. Secy. to the Govt. of Bengal,
in the P. W. Dept., Irrigation Branch.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

COMPARATIVE RETURN OF TRAFFIC CARRIED ON THE UPPER AND LOWER GANGES CANALS FOR THE HALF-YEAR ENDING 30TH SEPTEMBER 1881 AND 1880.

	Demands.				Same period of previous year.			Current half-year.			Corresponding period of previous half-year		
	Balance from previous half-year.	For current half-year.	Collected during current half-year.	Balance uncollected.	Demands.	Collections.	Nature of Cargo (in maunds).	Up.	Down.	Total.	Up.	Down.	Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Tollage.													
* Private boats . .	13	6,892	6,859	47	9,486	8,739	Grain . .	24,538	29,053	53,591	22,911	28,885	51,796
Government boats .	...	415	415	...	475	475	Cotton . .	10	4,245	4,255	21	5,828	5,849
Rafts . . .	...	1,932	1,932	...	2,274	2,274	Oilseeds . .	314	28,642	28,956	468	13,155	13,623
							Salt . .	1,729	75,117	76,846	3,360	107,040	110,400
Carrying operations.							Metals . .	21,631	3,103	24,734	17,636	1,097	18,733
							Miscellaneous goods . .	49,451	59,483	108,934	20,369	71,080	91,449
Boating, Government	...	557	557	...	430	430	Building materials	130,725	169,810	300,535	98,499	159,391	257,890
Fines and sundries .	...	48	48	...	68	68	Firewood . .	9,900	62,182	72,082	5,775	87,432	93,207
Ground-rent . .	...	185	185	...	58	58	Bamboos . .	974	141,170	142,144	997	120,655	121,652
							Timber . .	3,665	100,232	103,897	4,245	66,343	70,588
							Miscellaneous .	2,994	782	3,776	1,866	372	2,238
Total .	13	*10,029	9,996	47	12,791	12,044	Total .	245,931	673,819	919,750	1,76,147	661,278	837,425

	Tonnage.						Ton Mileage.						Value of Goods.						Number of Passengers.					
	1881.			1880.			1881.			1880.			1881.			1880.			1881.			1880.		
	Upper Ganges Canal (local).	Lower Ganges Canal (local).	Upper and Lower Ganges Canals (through).	Upper Ganges Canal (local).	Lower Ganges Canal (local).	Upper and Lower Ganges Canals (through).	Upper Ganges Canal (local).	Lower Ganges Canal (local).	Upper and Lower Ganges Canals (through).	Upper Ganges Canal (local).	Lower Ganges Canal (local).	Upper and Lower Ganges Canals (through).	Upper Ganges Canal (local).	Lower Ganges Canal (local).	Upper and Lower Ganges Canals (through).	Upper Ganges Canal (local).	Lower Ganges Canal (local).	Upper and Lower Ganges Canals (through).	Upper Ganges Canal (local).	Lower Ganges Canal (local).	Upper and Lower Ganges Canals (through).	Upper Ganges Canal (local).	Lower Ganges Canal (local).	Upper and Lower Ganges Canals (through).
1	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Tollage.																								
Private boats	20,677	6,356	7,033	31,017	...	...	926,235	405,229	1,780,534	3,383,592	...	...	Rs. 3,25,407	Rs. 3,24,765	Rs. 6,61,063	Rs. 12,87,200	...	...	629	Nil.	41	1,081	...	...

* Upper Ganges Canal 13 6,473 6,440 47
Lower ditto ... 3,556 3,556 ...
10,029 9,996

ALLAHABAD,
The 29th May 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P., P. W. D., I. B.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

COMPARATIVE RETURN OF TRAFFIC CARRIED ON THE AGRA CANAL FOR THE HALF-YEAR ENDING 30th SEPTEMBER 1881 AND 1880.

	Demands.		Collected during current half-year.	Balance uncollected.	Same period of previous year.		Nature of Cargo.	Current half-year.			Corresponding period of previous half-year.			Tonnage.		Ton Mileage.		Value of Goods.		Number of Passengers.	
	Balance from previous year.	For current year.			Demands.	Collections.		Up.	Down.	Total.	Up.	Down.	Total.	1881.	1880.	1881.	1880.	1881.	1880.	1881.	1880.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Tollage.	Rs	Rs.	Rs.	Rs.	Rs.	Rs.		Mds.	Mds.	Mds.	Mds	Mds	Mds.					Rs.	Rs.		
Private boats	...	725	725	...	556	556	Grain	100	38,640	38,740	...	4,475	4,475								
							Cotton	...	950	950	...	...	...								
Government boats	...	343	343	...	...	...	Oilseeds	...	2,024	2,024	...	...	...								
Rafts	...	1,086	1,086	...	...	...	Salt	100	...	100	...	...	...								
							Metals	...	...	...	...	...	...								
							Miscellaneous goods	4,189	3,375	7,564	1,250	20,077	21,327	3,900	3,491	533,700	371,651	1,73,572	1,26,058	...	...
Carrying operations.							Building materials	50,315	300	50,615	67,740	350	68,090								
							Firewood	...	775	775	735	700	1,435								
Boating, Government	...	1,296	1,296	...	800	800	Bamboos	...	...	...	...	...	...								
							Timber	...	1,750	1,750	450	1,900	2,350								
Fines	...	...	...	...	...	...	Miscellaneous materials	300	33,594	33.894	...	106	106								
Ground-rent	...	...	...	...	...	...															
Total	...	3,450	3,450	...	1,356	1,356	Total	55,004	81,408	136,412	70,175	27,608	97,783								

ALLAHABAD,
The 29th May 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P., P. W. D., I. B.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XXII OF 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 4th June 1881. Total.	Per mile open.	Total mean length open.	Receipts for week ending 3rd June 1882. Total.	Per mile open.	Total Receipts from 1st April to 4th June 1881. Total.	Per mile open per week.	Total Receipts from 1st April to 3rd June 1882. Total.	Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
			Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	Guaranteed.												
10th June 1882	Eastern Bengal ...	176	66,738	379	172	68,076	396	5,64,640	346	6,50,282	414	85,642	...
3rd ditto ...	Oudh and Rohilkhand	547	97,348	178	547	1,09,644	200	9,78,756	193	10,76,915	216	98,159	...
3rd ditto ...	Sind, Punjab & Delhi	676	1,83,351	271	676	2,06,802	306	18,15,319	289	18,30,983	296	15,664	...
3rd ditto ...	Madras ...	858	1,17,361	137	858	1,57,575	184	10,84,702	136	12,61,683	160	1,76,981	...
3rd ditto ...	South Indian ...	655	69,575	106	655	87,326	133	6,92,913	114	7,15,066	120	22,153	...
10th ditto ...	Great Indian Peninsula	1,448	6,89,565	476	1,458	8,48,773	582	71,69,465	533	87,19,500	658	15,50,035	...
3rd ditto ...	Bombay, Baroda and Central India ...	444	2,51,099	566	461	2,86,921	622	26,04,741	632	26,32,686	624	27,945	...
	TOTAL ...	4,804	14,75,037	307	4,827	17,65,117	366	1,49,10,536	332	1,68,87,115	383	19,76,579	...
	State.												
10th June 1882	East Indian ...	1,504	8,45,361	562	1,507	8,87,484	589	79,93,884	571	82,22,049	596	2,28,165	...
3rd ditto ...	Calcutta and South-Eastern ...	28	2,574	92	28	2,579	92	25,311	97	28,672	112	3,361	...
3rd ditto ...	Nalhati ...	27	1,088	40	27	1,710	63	11,312	45	13,008	52	1,696	...
3rd ditto ...	Northern Bengal ...	231	29,111	126	233	33,390	143	2,69,653	126	3,22,372	151	52,719	...
3rd ditto ...	Tirhoot ...	82	13,957	170	85	12,498	147	1,17,764	155	1,28,679	165	10,915	...
3rd ditto ...	Patna-Gya ...	57	8,306	146	57	7,659	134	87,821	166	93,308	179	5,487	...
10th ditto ...	Muttra-Hathras ...	29	2,690	93	29	2,421	83	23,576	87	24,131	91	555	...
3rd ditto ...	Cawnpore-Farukhabad	86	5,202	60	86	6,068	71	48,740	61	60,466	77	11,726	...
3rd ditto ...	Dildarnagar-Ghazipur	12	1,006	84	12	1,229	102	9,879	89	10,759	98	880	...
10th ditto ...	Rajputana-Malwa ...	1,016	2,26,536	223	1,117	2,04,022	183	17,24,493	183	20,64,598	202	3,40,105	...
3rd ditto ...	Wardha Coal ...	45	9,904	220	45	11,280	251	79,867	191	1,23,775	301	43,908	...
3rd ditto ...	Nagpur & Chhattisgarh	66	6,699	101	98	17,030	174	73,202	114	1,82,951	204	1,09,749	...
3rd ditto ...	Rangoon and Irrawaddy Valley ...	161	27,863	173	161	26,688	166	3,40,145	227	3,42,911	233	2,766	...
10th ditto ...	Sindia ...	78	5,183	66	75	5,714	76	56,029	84	59,744	87	3,715	...
3rd ditto ...	Punjab Northern ...	363	57,052	157	412	44,549	108	6,17,800	183	5,50,860	154	...	66,940
10th ditto ...	Indus Valley and Kandahar ...	660	89,560	136	660	1,12,272	170	10,31,293	168	7,69,661	127	...	2,61,632
10th ditto ...	Muttra-Achneyra ...	...	...	...	23	1,184	51	...	...	10,854	52	10,854	...
	TOTAL ...	2,941	4,86,731	165	3,148	4,90,293	156	45,16,885	165	47,86,749	167	2,69,864	...
	Native States.												
3rd June 1882	Bhavnagar-Gondal ...	192	22,379	117	194	23,023	119	2,13,090	120	2,60,201	147	47,111	...
3rd ditto ...	Nizam's ...	121	14,879	123	121	16,179	134	1,52,172	135	1,56,280	141	4,108	...
20th May 1882	Mysore ...	58	5,386	93	...	(a)...	...	(b)16,596	39	(c)35,456	57	18,860	...
	TOTAL ...	371	42,644	115	315	39,202	124	3,81,858	111	4,51,937	123	70,079	...
	GRAND TOTAL ...	9,620	28,49,773	296	9,797	31,82,096	325	2,78,03,163	311	3,03,47,850	337	25,44,687	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	1,30,67,487	146	1,45,66,968	162	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	1,47,35,676	165	1,57,80,882	175	10,45,206	...

(a) Return not received. (b) Total receipts from 1st April to 21st May 1881. (c) Total receipts from 1st April to 20th May 1882.

F. FIREBRACE, *Major, R.E.,*
Under Secretary.

SIMLA,
The 23rd June 1882.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENT OF PRICES CURRENT OF FOOD-GRAINS FOR THE 2nd HALF OF MAY 1882, PUBLISHED IN PAGES 894 AND 895 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 24th JUNE 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Province.	District.	Wheat.			Barley.			Rice. Best sort.			Rice. Common.			Great Millet (Cholum, Jowar), *Holcus Sorghum.*			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.*			Lesser Millets, Ragi, &c. (Kavaru, Veragoo, Sawee, Cheena, Coraloo, Murhwa, Nuglee, &c.), *Panicum Miliaceum, Eleusine Coracana, &c.*			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.		
		Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.
		S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.
Raj-Pootana.	Bikaneer	12 2	10 0	10 0	...	...	...	3 1	3 1	2 14	6 12	6 12	6 8	...	...	...	20 0	20 0	13 0	...	...	...	15 0	16 12	13 6	...	...	...	...	...	...	11 8	11 8	11 8

D. M. BARBOUR,
Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 27th JUNE 1882.

GENERAL REMARKS.—The monsoon which was noticed in last week's report as not having as yet reached the Punjab does not appear to have made any marked progress during the week under report either in that Province or in Sind, though strong monsoon winds are reported at Kurrachee. Slight showers have, however, fallen in a few districts of the Punjab. In the Rajputana States rain is reported from two places only. In the North-Western Provinces and Oudh very little rain is reported during the week, and westerly winds prevail. In Behar, Bengal, and Orissa, as well as in Assam, more or less rain has continued to fall in all districts, except in Moorshedabad, where however the fall was exceptionally heavy in the preceding week.

Rain is reported from most of the Central India States and in the Central Provinces. In the Bombay Presidency, in Berar, and in the Nizam's Territories a break, more or less marked, has occurred. In Mysore and Coorg also there was less rain than in the preceding week. In the Madras Presidency the fall has been lighter than in the preceding week.

In British Burma heavy rain has continued to fall.

Ploughing, sowing, and transplanting of rice are favourably progressing as a rule throughout the country, and standing crops where they exist are generally doing well.

No excess of rain is reported anywhere, except in Sylhet. On the other hand, insufficient rain is reported in four districts of the Madras Presidency, in part of Mysore, the Nizam's Territories and Berar, in some districts of the North-Western Provinces and Oudh, and throughout the greater part of Rajputana and the Punjab.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(June 28th)		
Bellary ...	·15 (in one station)	Standing crops—wet good, dry require rain; harvest paddy, yield below average; fever and small-pox in parts.
Kurnool ...	·03 (in one station)	Want of rain much felt; standing sugarcane and indigo require water in parts; cattle-disease in some places.
Ganjam ...	·52 (average of sixteen stations).	Standing wet and dry crops not thriving for want of heavy rain; fever, small-pox, and cholera prevalent; cattle-disease exists.
Kistna ...	·46 (average of five stations).	Small-pox slightly and cattle-disease generally prevalent.
Chingleput (Madras) ...	·67 (average of three stations).	Standing crops good where water available; agricultural operations progressing; small-pox, cholera, and cattle-disease in parts.
Coimbatore ...	·23 (average of six stations).	Standing crops generally good, though *cholum* slightly attacked by insects in parts; harvest dry crops, outturn below average; small-pox and fever in parts.
Tanjore ...	·10 (average of four stations).	Standing crops generally good; harvest paddy, outturn below average; cattle-disease slight in parts.
Madura ...	·31 (average of seven stations).	Standing crops fail in parts; harvest *cholum*, yield about average; fever and cholera in parts.
Malabar ...	3·92 (average of thirteen stations).	Sowing first crops progressing; small-pox, cholera, and fever in parts.
Travancore ...	2·82	Ploughing and sowing over; fever slightly prevalent. *General Remarks.*—General prospects good.
Bombay—(June 28th)		
Kurrachee ...	No rain	Strong monsoon winds; river at Kotri on 26th 15 feet 11 inches, against 15¾ feet on corresponding date last year; fever in five talukas; crabs doing some damage in Tappa, Ghorabari taluka; wheat, red rice, and *bajri* in Kurrachee 22, 36 and 34, in Dadu 32 and 40, in Ghorabari 16, 48 and 44, and in Jati 18, 48 and 44 lbs. per rupee, respectively.
Hyderabad ...	.....	River still rising; *kharif* operations continue; fever in one taluka; wheat 25, *juari* 44, *bajri* 40, red rice 34, and white rice 22 lbs. per rupee.
Ahmedabad ...	7·54	Cholera—in Ahmedabad city 70 cases, 30 deaths, in Dhakroli 13 cases, 10 deaths, in Samand 7 cases, 1 death, in Dhanduka 27 cases, 23 deaths, in Viramgaum 41 cases, 22 deaths; ploughing continues; sowing commenced; wheat 26 and *bajri* 29 lbs. per rupee.
Baroda ...	1·25	Total rainfall 7·12; sowing of *kharif* continues; slight cholera in Kadi division; want of rain felt in Amreli; general health good; *bajri* 29 and rice 23 lbs. per rupee.
Surat ...	1·71	Total rainfall 9·91; sowing and transplanting progressing; *juari* 35 and *nagli* 51 lbs. per rupee.
Násik ...	Igatpuri, 5·34; Peint, 3·35; slight showers in three talukas; no rain elsewhere.	Early sowing crops doing well; *bajri* sowing will commence shortly; locusts in several talukas; no sickness; *bajri* 36, wheat 24, and rice 24 lbs. per rupee.
Colaba (Bombay) ...	1·69	Total rainfall 27·07, being 7·07 above average; average temperature normal; vapour in air normal; wind normal from 21st to 25th; abnormal wind northerly on 26th and 27th.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Poona ...	Slight showers in two talukas.	Break in weather during the week; sowing progressing; *bajri* 40¾ and *juari* 55 lbs. per rupee, in Poona *bajri* 36¾ and *juari* 43½ lbs. per rupee.
Ahmednagar ...	Newasa, ·70; Parner, ·07; no rain in other talukas.	Sowing of *kharif* in progress in Parner, Shrigonda, and Kopergaon; cattle-disease in Nagar and Karjat; cholera in Parner, 11 cases, 4 deaths; *bajri*—maximum 60 lbs. in Jhamkhed, minimum 45 in Kopergaon; *juari*—maximum 90 lbs. in Jhamkhed, minimum 54 in Kopergaon.
Sholapur ...	Slight rain throughout.	No deaths from cholera; *kharif* sowing progresses; *bajri* 54 lbs. 19 tolas and *juari* 73 lbs. 17 tolas per rupee.
Dharwar ...	Slight rain in Gadag, Bankapur, Hangal, Kod, and Ron.	Sowing of *kharif* crops almost completed; young crops look well public health good; rice 22 and *juari* 55 lbs. per rupee.
Kanara ...	Karwar, ·27; total, 33·63; Kumpta, ·98; Sirsi, ·89; Hallial ·46.	Sowing operations continue above Ghât; rice plants healthy on coast; small-pox and cattle-disease subsiding; common rice in Karwar 12 seers, in district average 13¼ seers per rupee; weather cloudy and showery.
Rajkot ...	No rain	Weather hot and cloudy; cholera in some places in Halar and Sorath; *bajri* 24 and *juari* 29 lbs. per rupee.
		General Remarks.—Ploughing in general progress; sowing completed in some places; break in the weather in most districts, retarding operations in a few; locusts in Khandesh, Násik, and Satara; slight fever and cattle-disease in a few districts; cholera in Belgaum, Satara, Ahmednagar thana, Ahmedabad, and parts of Kathiawar.
Bengal—(June 28th)—		
Chittagong ...	8·38; heavy rain in all parts of districts.	Prospects of crops satisfactory; transplanting going on; prices steady; cholera, small-pox, and cattle-disease still continue.
Dacca ...	4·75	All crops doing well.
24-Pergunnahs (Calcutta)	1·12	Sugarcane, jute, and early rice promising well; prospects fair; low lands being cultivated for *amun* rice; health of people and cattle generally good; sporadic cholera reported from Baraset sub-division; rivers rising.
Moorshedabad ...	*Nil*	Standing crops doing well; ploughing for *amun* rice rapidly progressing; public health generally good.
Rajshahye ...	·98	Prospects of crops favourable; prices stationary; cholera and fever unchanged.
Burdwan ...	2·11	Prospects of crops favourable; health fair.
Rungpore ...	5·85	Prospects of crops good; prices of food-grains stationary; public health good.
Bhagálpur ...	·97	Prospects of crops good; sowing of autumn crops rapidly progressing; Ganges risen very much; a few cholera cases reported daily.
Purneah ...	3·16	Prospects of crops very good; weeding continues; health fair; rivers rising.
Patna ...	2·54	Prospects of *bhadoi* crops good; *cheena* and sugarcane doing well; cholera and small-pox still reported from Behar sub-division.
Durbhunga ...	3·61	Weather cooler and cloudy; crop prospects good; indigo manufacture begun; cholera abating.
Hazáribágh ...	3·15	Weather cloudy and seasonable; prospects of crops good; prices of food-grains unchanged; general health good.
Cuttack ...	·34	Sowing completed; *beali* crops being harrowed; cholera still reported.
		General Remarks.—More or less rain in all districts, except Moorshedabad, during the week; present prospects generally excellent; agricultural operations in full progress; all standing crops thriving well; cholera generally much abated, but still prevalent in parts of Orissa and elsewhere; much fever reported in Darjeeling terai; public health on the whole fair.
N. W. Provinces and Oudh—		
Benares (June 27th)	·1 in Benares tahsil	Weather close; clouds sometimes appear, but are scattered away by storms and west winds; *kharif* crops sown; rain urgently needed; health of men and cattle generally good; bazars well supplied with food-grains; prices steady.
Allahabad („ 28th)	·4 at Handia; ·1 at Meja; heavy rain to-day.	Cholera decreasing; prices slightly risen.
Gorakhpur („ 27th)	.....	Weather very hot; west wind changed to east to-day; rain wanted; cholera decreasing; sowings in progress; prices steady.
Jhánsi („ 26th)	·6 in Jhánsi; ·11 in Garotha.	A break from 20th; ploughing and sowing of *kharif* crops in progress; prices rising; health generally good; no cattle-disease.
Agra ...	Rain in two parganas only—·20 in one and ·30 in the other.	More rain needed throughout district; *kharif* ploughings and sowings continue; fever and small-pox continue in city and two parganas; general health good; prices stationary.
Bareilly (June 27th)	No rain since 20th	Weather extremely hot but seasonable for *kharif* ploughing; cotton and maize being sown everywhere, but hardly enough rain for rice sowings; everything else is as usual.
Meerut („ „)	Occasional showers, with very partial rain.	Strong west wind throughout the week; rain wanted; cane and indigo flourishing, but other sowings have been postponed; health good; supplies scanty; prices rising very slightly.
Kumaun („ „)	Alternate rain and sunshine.	Weather seasonable; crops flourishing; cattle-disease still prevails; prices stationary.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—*contd.*		
Rae Bareli (June 26th)	.....	A break in the rains, winds westerly ; fields are being prepared for *kharif* sowings; cholera continues in two tahsils, but is on the decrease ; prices rising.
Cawnpore („ 27th)	Average rainfall ·15	Rain beneficial to crops already sown ; sowings in progress, but sky again cloudless and weather sultry ; general health good ; prices slightly risen.
Farukhabad („ „)	No rain	*Kharif* sowings in progress ; prices steady ; fever prevalent.
Lucknow („ „)	No rain, except ·10 at Sadr on 20th.	Sky clear ; strong west winds ; more rain wanted ; supplies abundant ; prices rising ; no cattle-disease ; cholera in city decreasing.
Partabgarh („ „)	.....	Prices rising ; rain wanted badly ; sky cloudy at times ; heat very great ; cholera increasing.
Sitapur („ „)	Average ·7	Hardly any rain since 20th, winds variable, now easterly.
Fyzabad („ „)	No rain	Sowing of *dhan* going on ; cholera decreasing.
		General Remarks.—Very little rain during the week ; winds chiefly westerly ; weather sultry ; more rain wanted ; prices rising slightly, but supplies plentiful, except in Meerut ; cholera increasing in Partabgarh, but has decreased elsewhere ; cattle-disease continues in Kumaun.
Punjab—(June 27th)		
Delhi ...	·20	More rain wanted ; health fair ; slight fall in prices of gram and *bajri*.
Hissar ...	No rain reported, but wanted.	Health good ; prices of food-grains fluctuating.
Umballa ...	No rain, but wanted	Health fair ; prices of food-grains daily rising.
Jullundur ...	·14	Health good ; prices stationary.
Amritsar ...	·70	Health fair ; slight fall in price of barley.
Sialkot ...	·50	Health good ; prices steady.
Lahore ...	Slight rain	Health good ; prices stationary.
Ferozepore ...	·60	Health good ; *kharif* ploughings commenced ; prices steady.
Rawalpindi ...	No rain	*Kharif* crops good ; fever in Rawalpindi, measles in Pindigheb ; slight fall in prices of Indian-corn and gram.
Mooltan ...	No rain	Crops and health good ; slight fall in prices of barley and millet.
Dera Ismail Khan ...	No rain	*Kharif* crops good ; health good ; prices fluctuating.
Peshawar ...	No rain	Health fair ; prices rising.
		General Remarks.—Slight rain has fallen in the Delhi, Jullundur, Amritsar, Sialkot, Lahore, and Ferozepore districts ; health generally good ; fever still reported in Rawalpindi, and measles in Pindigheb ; prices of food-grains generally are fluctuating.
Central Provinces—		
Nagpur (June 28th)	·26 ; heavy rain to-day.	Weather close and sultry ; prices stationary.
Jubbulpore ...	1·71	Weather cloudy at times ; ploughing continues ; sowings commenced ; cholera and small-pox prevalent ; wheat 17 seers per rupee.
Saugor (June 26th)	2·22	Clear weather, facilitating sowing operations, which are in full swing ; health good.
Seoni ...	·73	Ploughing facilitated by break in the weather ; cholera and small-pox prevailing ; prices stationary.
Hoshangabad (June 27th)	·21	Ploughing continues ; *kharif* sowings progressing ; small-pox prevalent ; wheat 14 seers per rupee.
Khandwa („ „)	·25	Weather cloudy and stormy ; *kharif* sowings in progress ; rain wanted ; small-pox prevailing ; wheat 14 seers per rupee.
Raipur ...	.....	No report received.
Sambalpur (June 22nd)	1·31	Weather cloudy and cool ; early sowings damaged by heavy rains ; health good ; rice 56 seers per rupee.
		General Remarks.— Weather cloudy and close ; rain has fallen in most districts, but not sufficient to benefit sowings ; which have begun ; cholera and small-pox still prevalent in the Jubbulpore division ; prices steady.
British Burma—(June 24th)		
Akyab ...	5·44	Total rainfall 68·90 ; small-pox slightly prevalent in one township, otherwise public health good ; cattle-disease severe in two townships ; ploughing commenced.
Rangoon ...	3·17	Total rainfall 21·16 ; 11 deaths from cholera, otherwise public health good.
Bassein ...	4·46	Total rainfall 41·38 ; 7 deaths from cattle-disease in Bassein township ; ploughing general.
Promo ...	2·09	Total rainfall 11·58 ; 1 death from cholera in Promo town and 8 in districts ; some cattle-disease in two townships ; ploughing not yet commenced for want of rain.
Amherst ...	10·52	Total rainfall 69·65 ; public health good both in Moulmein and district ; cattle-disease still prevalent in two townships.
Toungoo ...	4·19	Total rainfall 23·75 ; no deaths from small-pox in town ; public health generally good.
		General Remarks.— A few scattered cases of cholera and a little small-pox in Akyab, otherwise public health good ; cattle-disease continues prevalent in some parts of Akyab and Amherst, slight in several other districts ; season generally favourable ; ploughing backward in Tharrawaddy and Promo for want of rain.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Assam—(June 28th)		
Gauhati ...	4·02	Weather seasonable; fever in the interior and at Barpetta; prospects of crops continue favourable.
Sylhet ...	9·87	Spring paddy reported being cut; transplanting of *bajri* finished; some damage done by flood in lowlying lands; more sun wanted for tea; cholera still reported.
Cachar ...	4·75	Weather very hot, with occasional rains; sowing of *dumahi* and *murali* crops nearly finished; cultivation of *sali* crop commenced; tea doing well; common rice 21 $\frac{5}{16}$ seers per rupee; 7 cases of cholera from Lakhimpur and 1 from Katigora reported.
Dibrugarh ...	4·72	Weather showery, ploughing for *sali dhan* in progress; cattle-disease still reported; public health generally good.
Mysore and Coorg—(June 28th)		
Bangalore ...	·30	Crops in good condition; sowing operations delayed for want of sufficient rain; prospects of public health good; rice 11, *ragi* 26, and horse-gram 29¼ seers per rupee.
Mysore ...	·04	Standing crops in good condition; prospects fair; rice 11½, *ragi* 21, and horse-gram 26¾ seers per rupee.
Mercara ...	2·40	The break in the monsoon is favourable to agricultural operations; rice-fields are being ploughed and sown; the *ragi* crop in the Naujarajapatna taluk is doing well; coffee-berries have formed; public health is good.
		General Remarks.—Little rain has fallen in the Mysore State since last report; prospects are generally favourable and public health good; pasturage sufficient; prices show a slight upward tendency.
Berar & Hyderabad—(June 28th)		
Amráoti ...	Rain much needed	Sowings retarded for want of rain; wheat 18 and *juari* 36 seers per rupee.
Akola ...	.....	Weather warm and sultry; cotton sowing continues.
Hyderabad ...	No rain	Sowing of *kharif* crops postponed on account of break in weather; fever and cattle-disease prevail in one taluk; prices—wheat 14, rice 7½, white *juari* 19¾, yellow *juari* 23, and *tur* 24 seers per current sicca rupee.
Central India States—(June 28th)		
Indore ...	·08	Weather hot and cloudy; sowings have been almost completed; some further rain is desirable; health good and prospects generally favourable.
Morar (Gwalior) ...	1·62	Health good; prices stationary.
Sutna ...	1·03	Sowing commenced; health good.
Rutlam ...	.....	No report received.
Neemuch ...	·35	Weather cloudy and hot; public health good.
Goona ...	1·05	Prospects good; weather cloudy.
Bhopal ...	2 3	Weather cloudy; prospects good.
Agar ...	No rain	Sowing going on; health good.
Nowgong ...	13·61(?)	Health good, cholera in Baom.
Manpur ...	No rain	*Makka* crop looking well; public health good; wheat has risen to 15 from 17¾ seers per rupee.
Rajputana—		
Abu (June 28th)	1·69	Weather clear, with light clouds and cool breeze.
Sirohi („ 25th)	.....	Tanks dry; wells fair; health good; high winds prevail.
Marwar („ 23rd)	.....	Plenty of water in tanks and wells; health good; clear strong south-west winds prevail, such an abnormal state of weather is to some extent alarming, prices rising rapidly in consequence.
Meywar („ 24th)	.....	Tanks, wells, and health good; sowing operations progressing; weather very suitable for sowing.
Harowti („ 24th)	.....	High west wind, weather clear; ploughing operations retarded owing to break; rain much needed; health indifferent; few cases of cholera at Tonk and Shahpura.
Jhallawar („ 21st)	.....	Weather cloudy and windy; health good.
Ajmere („ 27th)	No rain	Cholera abating in Ajmere; sky cloudy.
Jeypore („ 27th)	0 23	Wind variable, weather cloudy; health good.
Bhurtpore ...	.....	No report received.
Ulwur (June 28th)	.....	Strong south-west wind; rain much wanted for *kharif* sowings; health good.
		General Remarks.—Rain wanted for *kharif* operations.
Nepal—(June 22nd)		
Katmandu ...	2·16	Seasonable weather.

E. C. BUCK,
Secy. to the Govt. of India.

Printed and Published for the GOVERNMENT OF INDIA *at the* GOVERNMENT CENTRAL BRANCH PRESS, *Simla.*

The Gazette of India.

PUBLISHED BY AUTHORITY.

№ 27.} SIMLA, SATURDAY, JULY 8, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

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PART III.—Advertisements and Notices by private individuals and Corporations.

PART IV.—Acts of the Governor General's Council assented to by the Governor General:—

Nothing for publication.

PART V.—Bills introduced into the Council of the Governor General for making Laws and Regulations, or published under Rule 22:—

Nothing for publication.

SUPPLEMENT No. 27.

PART I.

Government of India Notifications, Appointments, Promotions, &c.

HOME DEPARTMENT.

NOTIFICATIONS.—PUBLIC.

Simla, the 7th July 1882.

No. 1025.—In exercise of the powers conferred by Section 8, Act XVII of 1875 (The Burma Courts Act, 1875), the Governor General in Council is pleased to establish a Court, to be called the Court of the Extra Assistant Commissioner of the Kangyeedoung Township, the local limits of the jurisdiction of which shall include the following Circles:—

1. Layzoo.
2. Kyoongyoung.
3. Pikethoung.
4. Paybin.
5. Koonywa.

JUDICIAL.

The 3rd July 1882.

No. 925.—The services of Captain D. E. Gouldsbury, of the 19th Punjab Native Infantry, are placed temporarily at the disposal of the Government of the Punjab for employment as Officiating Cantonment Magistrate.

The 7th July 1882.

No. 945.—Under the provisions of the Act of Parliament 24 & 25 Vic., Cap. 104, Sec. 7, the Governor General in Council has been pleased to appoint the Hon'ble Romesh Chunder Mitter, B.L., one of the Judges of the High Court of Judicature at Fort William in Bengal, to perform the duties of Chief Justice of the said Court during the absence on privilege leave of the Hon'ble Sir Richard Garth, or until further orders.

MEDICAL.

The 4th July 1882.

No. 284.—The services of Surgeons G. A. Warburton and J. Mullane, M.D., are placed at the disposal of the Chief Commissioner of Assam.

POLICE.

The 7th July 1882.

No. 230.—The Notification of this Department, No. 78, dated the 6th March last, placing the services of Mr. D. W. Ritchie, District Superintendent of Police, Noakholly, in the Lower Provinces, at the disposal of the Chief Commissioner of Assam, is hereby cancelled.

A. MACKENZIE,
Secy. to the Govt. of India.

REVENUE AND AGRICULTURAL DEPARTMENT.

NOTIFICATIONS.—SURVEYS.

Simla, the 3rd July 1882.

No. 240S.—Captain G. W. Martin, whose services were replaced at the disposal of the Revenue and Agricultural Department by Finance Department Notification No. 1896, dated 23rd June 1882, with effect from the 17th idem, to revert to his appointment as Assistant Superintendent, 3rd Grade, in the Survey of India.

The 7th July 1882.

No. 250*S*.—Lieutenant the Honourable M. G. Talbot, R.E., Supernumerary Assistant Superintendent, 3rd Grade, Survey of India, is appointed permanently to that grade, with effect from the 24th April last.

E. C. BUCK,
Secy. to the Govt. of India.

FOREIGN DEPARTMENT.

NOTIFICATIONS.—MILITARY.

Simla, the 7th July 1882.

No. 51 *G*.—Lieutenant W. H. Cornish, 1st Battalion, West Riding Regiment, is appointed to officiate as Wing Officer, Meywar Bheel Corps, on probation, with effect from the 22nd June 1882, *vice* Lieutenant G. H. J. Moore, or until further orders.

No. 53 *G*.—The following extract from Brigade Orders issued by the Commandant Central India Horse, dated 6th June 1882, consequent on the departure on furlough of Lieutenant-Colonel M. G. Gerard, is confirmed :—

1st Regiment.

Captain H. A. Vincent, 3rd Squadron Commander, to officiate as 2nd Squadron Commander.

Lieutenant A. Durand, Adjutant, to officiate as 3rd Squadron Commander.

Lieutenant G. K. Daly, Squadron Officer, to officiate as Adjutant.

Lieutenant E. E. Robertson, Squadron Officer, 2nd Regiment, to officiate as Squadron Officer, with effect from 1st June 1882.

No. 55 *G*.—The following promotions are made in the Infantry Branch of the Erinpura Irregular Force, with effect from the dates specified :—

Jemadar Bhugwana to be Subadar, with effect from the 1st May 1882, *vice* Dulthumum Sing, transferred to the Pension establishment.

Havildar Goma to be Jemadar, with effect from the 14th March 1882, *vice* Hindoora (2nd), deceased.

Havildar Beyna to be Jemadar, with effect from the 1st May 1882, *vice* Bhugwana, promoted.

C. GRANT,
Secy. to the Govt. of India.

DEPARTMENT OF FINANCE AND COMMERCE.

NOTIFICATIONS.

Simla, the 7th July 1882.

No. 2208.—The following Addenda and Corrigenda to the Codes of the Financial Department are published for general information :—

CIVIL PENSION CODE.

Page 97.

Add the following as Section 177A :—

177A. Section 177 applies to Officers of the Public Works Department who retired under the terms of the Resolution in the Department of Finance, No. 2079, dated 31st July 1879, except as regards re-employment in an establishment paid from a Local Fund. Any such Officer, whether re-employed permanently or temporarily, is required on re-employment to refund the special gratuity received by him under paragraph 5, section II, clause (5) of the Resolution of the 31st July 1879 ; but if he does not make the refund, his pension will, for the purposes of this Section, be held to be increased by an amount equal to 5 per cent. per annum on his special gratuity. If an Officer has capitalised his pension, the same deduction will, if necessary, be made from his allowances as if he had not done so. (For the purposes of this Section, service paid by a Guaranteed Railway Company shall be treated as if it were service rendered in a temporary capacity.)

An Officer re-employed in service paid from a Local Fund may, in addition to his salary, draw his pension and retain the special gratuity received by him under paragraph 5, section II, clause (5) of the Resolution of the 31st July 1879.

No. 2105.

PAY AND ACTING ALLOWANCE CODE.

Page 262.

Section 10.

After the word "pay" in two places insert "or salary."

No. 2161.—Mr. Stephen Jacob, B.C.S., received charge of the appointment of Under Secretary to the Government of India, Department of Finance and Commerce, before noon on the 3rd July 1882.

No. 2170.—Mr. J. Westland, B.C.S., having returned from privilege leave, resumed charge of his duties as Comptroller General and Head Commissioner of the Department of Issue of State Paper Currency before noon on the 29th June 1882.

Mr. E. F. T. Atkinson, B.C.S., received charge of the office of Accountant General, Bengal, after noon on the 29th June 1882.

D. M. BARBOUR,
Offg. Secy. to the Govt. of India.

MILITARY DEPARTMENT.

Simla, the 7th July, 1882.

APPOINTMENTS.

No. 371.—COMMISSARIAT DEPARTMENT—

Colonel A. W. Montagu, Assistant Commissary General, 2nd class, and Officiating Assistant Commissary General, 1st class, to be Assistant Commissary General, 1st class.

Major C. O'Donel, Deputy Assistant Commissary General, 1st class (on furlough), to be Assistant Commissary General, 2nd class.

Major T. F. Hobday, Deputy Assistant Commissary General, 2nd class, and Officiating Deputy Assistant Commissary General, 1st class, to be Deputy Assistant Commissary General, 1st class.

Major A. T. S. A. Rind, Sub-Assistant Commissary General, 1st class, and Officiating Deputy Assistant Commissary General, 2nd class, to be Deputy Assistant Commissary General, 2nd class.

Lieutenant H. F. Lyons-Montgomery, Sub-Assistant Commissary General, 2nd class, and Officiating Sub-Assistant Commissary General, 1st class, to be Sub-Assistant Commissary General, 1st class.

With effect from the 15th April, 1882, *vice* Colonel C. S. Lane, Assistant Commissary General, 1st class, retired.

No. 372.—Captain E. F. J. deC. Rennick and Lieutenants H. G. Ryland and S. C. F. Peile, Sub-Assistant Commissaries General, 3rd class, to be Sub-Assistant Commissaries General, 2nd class, with effect from the 13th November, 1881.

No. 373.—MEDICAL DEPARTMENT—

Brigade Surgeon A. Guthrie, M.D., Army Medical Department, to officiate with temporary rank as Deputy Surgeon-General, Oudh Division and Rohilcund District, *vice* Deputy Surgeon-General J. E. Clutterbuck, M.D., transferred to the Home establishment, or until further orders.

No. 374.—MILITARY WORKS DEPARTMENT—

The following officers of Royal Engineers, having been placed at the disposal of the Military Department by His Excellency the Commander-in-Chief in India, are posted as follows :—

Lieutenant G. Williams, as Assistant Engineer, 2nd grade.

Lieutenant C. D. Learoyd, as Assistant Engineer, 2nd grade.

No. 375.—VOLUNTEER CORPS—

Administrative Battalion Presidency Volunteers and Calcutta Volunteer Rifle Corps.

Captain H. N. Webb, Bengal Staff Corps, Squadron Officer, 3rd Bengal Cavalry, to be Adjutant, *vice* Major H. McL. Hutchison, vacated on promotion.

FURLOUGH AND LEAVE.

No. 376.—The undermentioned officers are granted furlough out of India, with the necessary subsidiary leave :—

Major T. Dawes, Bengal S. C., Wing Commander and 2nd-in-Command, 17th Native Infantry, (p. a.) for two years, under rule IX of the regulations of 1868.

Surgeon-Major O. T. Duke, M.B., Medical Officer, Khelat Agency, Officiating Political Agent, 3rd class, 4th Assistant to the Agent to the Governor General, Biluchistan, (m. c.) for one year, under rules IX and XV of the regulations of 1868.

No. 377.—The undermentioned officers have been granted extensions of furlough by the Right Hon'ble the Secretary of State for India :—

Lieutenant-Colonel J. N. B. Hewett, Bengal S. C., (m. c.) for three months.

Major L. F. Boileau, R.E., (m. c.) for two months.

Major A. G. Hartshorne, General List, Infantry, (m. c.) for six months.

PROMOTIONS.

No. 378.—The following promotions are made, subject to Her Majesty's approval :—

BENGAL STAFF CORPS.

To be Captains.

Lieutenant James Hayes Sadler,—6th July, 1882.

Lieutenant John Edmund Mein,—6th July, 1882.

Lieutenant William Octavius Harris,—6th July, 1882.

BREVET.

To be Colonel.

Lieutenant-Colonel William Shapter Hunt, Madras S. C.,—6th July, 1882.

No. 379.—MILITARY WORKS DEPARTMENT—

Mr. J. Beale, Sub-Engineer, 1st grade, is promoted to the rank of Honorary Assistant Engineer, 1st grade.

No. 380.—NATIVE ARMY—

8th Bengal Cavalry.

Ressaldar Dowlut Ram Singh, "Bahadur," to be Ressaldar-Major, *vice* Shamshudin Khan, deceased,—20th August, 1881.

2nd Native Infantry.

Jemadar Ramsurroop Tewary, to be Subadar, *vice* Loll Sing, deceased; Havildar Surrubjeet Sing, to be Jemadar, *vice* Ramsurroop Tewary, promoted,—25th December, 1881.

Havildar Ramodheen Aginhotry, to be Jemadar, *vice* Hemmun Sing, invalided,—1st May, 1882.

4th Native Infantry.

Jemadar Akbur Khan, to be Subadar, *vice* Murdan Khan, invalided; Havildar Umed Khan, to be Jemadar, *vice* Akbur Khan, promoted,—1st May 1882.

9th Native Infantry.

Jemadar Dillawur Khan, to be Subadar, *vice* Laik Singh, invalided; Havildar Bissesur Singh, to be Jemadar, *vice* Dillawur Khan, promoted,—1st May, 1882.

VOLUNTEER CORPS.

No. 381.—His Excellency the Governor General in Council is pleased to sanction the formation of a Volunteer Corps at Secunderabad, to be designated the "Hyderabad Volunteer Rifle Corps."

APPOINTMENTS.

No. 382.—VOLUNTEER CORPS—

Hyderabad Volunteer Rifle Corps.

Major E. S. Ludlow, C.I.E., Madras Staff Corps, to be Commandant.

G. CHESNEY, *Colonel,*

Secretary to the Government of India.

PUBLIC WORKS DEPARTMENT.

NOTIFICATIONS.

Simla, the 6th July 1882.

No. 166.—Mr. G. T. St. A. Nixon, Assistant Engineer, 2nd Grade, Assam, is transferred to Bengal.

The 7th July 1882.

No. 167.—Lieutenant C. R. Hoskyn, R.E., Deputy Examiner, 1st Grade, is appointed to officiate as Examiner of Guaranteed Railway Accounts, Bombay, during the absence of Major LeBreton, on privilege leave, or until further orders.

No. 168.—Mr. G. W. Dodsworth, Executive Engineer, 1st Grade, is transferred from British Burma to the Central Provinces.

No. 169.—Mr. C. W. Odling, Executive Engineer, 1st Grade, Bengal, is appointed to officiate as a Superintending Engineer in that Province during the absence on privilege leave of Major J. M. Heywood, R.E., or until further orders.

No. 170.—The following transfers are made from the Engineering Branch to the Superior Revenue Establishment of State Railways, with effect from 1st July 1882:—

Captain R. Gardiner, R.E., Executive Engineer, 3rd Grade, to Class II of the Revenue Establishment as Deputy Manager, Rajputana-Malwa Railway.

Lieutenant W. V. Constable, R.E., Assistant Engineer, 1st Grade, to Class III as Assistant Manager, Rajputana-Malwa Railway.

W. S. TREVOR, *Colonel, R.E.,*

Secy. to the Govt. of India.

The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, JULY 8, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller General, &c.

GAZETTE OF INDIA.

NOTICE.

The 11th March 1882.

From the 8th April next, till further notice, Parts I, IV, and V of the *Gazette of India*, and the Weather and Crop Report, will be published at Simla. After the 1st April, all Notifications and other matter intended for publication in those Parts, should be addressed to the Officiating Publisher at that station.

Parts II and III and the Supplement will continue to be published in Calcutta.

Parts IV and V of the *Gazette of India*, containing the Acts and Bills of the Legislative Council, may be subscribed for separately from the other Parts of the Gazette. The annual subscription for the two Parts will be Rs. 5 per annum, payable in advance. When sent by post, Rs. 2-8 per annum additional will be charged for postage. For the current year these Parts are available from 1st May only, the back numbers being out of print.

Complaints regarding non-receipt of any number of the *Gazette* should be forwarded within a week after the day on which it is due.

Applications for the supply of the *Gazette* on the *public service* should be addressed to the Home Department.

By an order of Government, all subscriptions must be paid *in advance*.

	Rs.	A.	P.
Subscription for *Gazette* and Supplement per annum	15	0	0
Postage	5	8	0
Subscription for Supplement only	6	0	0
Postage	3	0	0
For a single copy of the *Gazette*	0	8	0
For a single copy of the Supplement	0	8	0

Postage on single copies varies according to weight.

E. J. DEAN,

Publisher, Gazette of India.

NOTICE.

The Office of Superintendent of Government Printing having been removed to No. 166, Dhurrumtollah Street, all communications intended for that Office should be sent to that address.

E. J. DEAN,

Supdt. of Govt. Printing, India.

BANK OF BENGAL.

NOTICE.

Calcutta, the 1st July 1882.

The Directors have made the following changes in the Bank's Establishment:—

Mr. E. J. Birch, Agent at Allahabad, has been granted furlough, and Mr. F. D. C. Strettell, Accountant at Dacca, has been appointed to act as Agent at Allahabad until further orders.

W. D. CRUICKSHANK,

Offg. Secretary & Treasurer.

SURVEY OF INDIA.

NOTIFICATION.

Mussooree, the 3rd July 1882.

No. 284.—Captain G. W. Martin, Assistant Superintendent, 3rd Grade, is appointed to officiate in the 2nd Grade of Assistant Superintendents, with effect from the afternoon of the 16th June 1882, the date on which he was relieved of his duties as Officiating Deputy Assay Master, Bombay Mint.

J. T. WALKER, *Lieut.-Genl., R.E.,*

Surveyor General of India.

REVENUE BRANCH, SURVEY OF INDIA.

NOTIFICATIONS.

Calcutta, the 30th June 1882.

No. 7.—Mr. L. F. Berkeley, Assistant Surveyor, 3rd Grade, is allowed privilege leave for three months, under the provisions of Chapter X, Section 136, of the Civil Leave Code.

The 4th July 1882.

No. 8.—Mr. W. M. Kelly, Assistant Surveyor, 2nd Grade, is allowed privilege leave, with effect from the forenoon of the 1st to the afternoon of the 25th ultimo, under the provision of Chapter X, Section 136, of the Civil Leave Code.

J. SCONCE, *Lieut.-Col.,*
Deputy Surveyor General.

SURGEON-GENERAL WITH THE GOVERNMENT OF INDIA.

NOTIFICATIONS.

Simla, the 15th June 1882.

No. 31.—The services of 3rd Grade Assistant Surgeon Behari Lal Chackravarti, of the supernumerary list, are placed at the disposal of the Chief Commissioner, Andaman and Nicobar Islands.

No. 32.—Second Class Hospital Assistant, No. 85, Nanuck Chund, of the military list, is permanently transferred to the provincial establishment of the North-Western Provinces and Oudh.

J. M. CUNINGHAM, M.D.,
Surgeon-General with the Govt. of India.

AGENT, GOVERNOR GENERAL, FOR CENTRAL INDIA, P. W. D.

NOTIFICATION.

Indore, the 28th June 1882.

No. 1290.—The undermentioned Hospital Assistant passed his English qualification examination according to the test laid down in G. G. O. No. 945 of 1868, on the date specified :—

Name.	Date of rank.	Date of passing English qualification.
Beharee Lall . . .	Sept. 28, 1877	June 7, 1882

By Order,

M. J. MEADE, *Lieut.,*
Offg. 2nd Asst. Agent, Govr. Genl., for Central India.

AGENT, GOVERNOR GENERAL, FOR RAJPUTANA.

NOTIFICATIONS.

Mount Abu, the 28th June 1882.

No. 1779 G.—Lieutenant-Colonel A. Conolly and Lieutenant-Colonel E. Temple, respectively, made over and received charge of the Office of Political Superintendent, Hilly Tracts, Meywar, on the afternoon of the 4th June 1882.

The 3rd July 1882.

No. 1814 G.—With reference to Foreign Department Notification No. 89 G. M., dated 5th May 1882, Lieutenant G. H. J. Moore joined his appointment of Officiating Adjutant of the Merwara Battalion on the 27th June 1882.

By Order,

E. A. FRASER,
1st Asst. Agent to the Govr. Genl.

AGENT, GOVERNOR GENERAL, IN THE PUBLIC WORKS DEPARTMENT, RAJPUTANA.

NOTIFICATION.

Mount Abu, the 27th June 1882.

No. 1534 S.—The Notification issued under Public Works Department No. 1279 S., dated the 31st May 1882, and published in Part II of the *Gazette of India*, dated the 10th June 1882, is cancelled, so far as it relates to Mr. Home Assistant Engineer's ranking in Class III of the Railway Revenue Establishment.

By Order,

J. P. STEEL, *Lieut.-Col., R.E.,*
Secy. to Agent, Govr. Genl., in the P. W. D., Rajputana.

CHIEF COMMISSIONER OF COORG.

NOTIFICATION.

Bangalore, the 27th June 1882.

No. 13.—Mr. Murray Hammick, M.C.S., delivered over, and Major H. M. S. Magrath resumed, charge of the 1st Assistant Commissioner's Court and the Court of the District Magistrate of Coorg, on the forenoon of the 17th June 1882.

By Order,

H. WYLIE, *Major,*
Secretary to the Chief Commr. of Coorg.

COMMISSIONER, NORTHERN INDIA SALT REVENUE.

NOTIFICATIONS.

Agra, the 17th June 1882.

No. 104.—Mr. W. Poulter, Inspector, 2nd Grade, and Personal Assistant to Commissioner, Northern India Salt Revenue, is appointed Treasury Officer at the Sambhar Lake.

No. 105.—Mr. W. Siddons, Inspector, 3rd Grade, is appointed to act as Personal Assistant to the Commissioner, Northern India Salt Revenue, until further orders.

W. POULTER,
for *Commr., N. I. S. R.*

RESIDENT IN MYSORE.

NOTIFICATION.

Bangalore, the 29th June 1882.

No. 6.—In modification of paragraph 2 of the Resident's Notification dated the 23rd May 1881, the Officiating Resident is pleased, under the provisions of Section 4 of the Indian Registration Act (III of 1877), to appoint the Inspector General of Registration in Mysore to be Inspector General of Registration for the Civil and Military Station of Bangalore, with effect from the 1st October 1881.

By Order,

H. WYLIE, *Major,*
Asst. to the Resident.

MILITARY DEPARTMENT—
Military Works.

NOTIFICATIONS.

Simla, the 30th June 1882.

No. 33.—Lieutenant W. Huskisson, R.E., Assistant Engineer, 2nd Grade, officiated as Executive Engineer of the Umballa Division, Military Works, from the afternoon of 13th May 1882 to the forenoon of 9th June 1882.

J. J. McLEOD INNES, *Colonel, R.E.,*
Inspr. Genl. of Military Works.

Presidency & Oudh Command.

Lucknow, the 27th June 1882.

No. 16.—Captain J. T. Wright, R.E., Executive Engineer, 2nd Grade, made over charge of the Allahabad Division, Military Works, to Lieutenant T. Digby, R.E., Assistant Engineer, 1st Grade, on the afternoon of the 25th June 1882.

H. McV. CRICHTON, *Major, R.E.,*
Supdg. Engr., Presdy. & Oudh Command, Military Works.

DIRECTOR GENERAL OF RAILWAYS.

NOTIFICATION.—ESTABLISHMENT.

Simla, the 28th June 1882.

No. 43.—Mr. R. Sivewright, Assistant Engineer, 1st Grade, Rewari-Ferozepore State Railway, is granted six months' leave on urgent private affairs, and ten days' subsidiary leave, with effect from 21st June 1882.

F. S. STANTON, *Col., R.E.,*
Director General of Railways.

TREASURE TROVE.

In accordance with the provisions of Section 5 of Act VI of 1878, notice is hereby given to all whom it may concern that on the 29th day of May 1882, a small silver box with Cambay stones inlaid, of the estimated value of from Rs. 50 to Rs. 75, was found at the bottom of a well in the compound of the house occupied by Mr. Henry Cleveland at Breach Candy in the city of Bombay; and all persons claiming the said treasure or any part thereof are hereby required to appear personally or by agent before the Collector of Bombay at his office in the New Secretariat Building, on Wednesday, the 15th November 1882, at 2 P.M., when the Collector will proceed to hold an enquiry in accordance with the provisions of the Act.

H. E. JACOMB,
Collector.

BOMBAY,
The 19th June 1882.

WANTED

For the Narsingpur District, Central Provinces, for about twenty months, from 1st October 1882, two Surveyors on a salary of Rs. 30 each per mensem.

Applications with copies of testimonials to be addressed to G. J. Nicholls, Esq., Deputy Commissioner, Narsingpur.

L. A. MAHOMED,
Extra Assistant Commissioner,
for *Deputy Commissioner.*

DEPARTMENT PUBLIC WORKS HALF-YEARLY EXAMINATION.

The half-yearly examination of candidates for promotion and employment in the Public Works Department will be held at the Government Engineering College, Howrah, at 10 o'clock, on Monday, the 7th August 1882, and the following days. Applications, with fees for admission to the examination, are required to be filed before the 15th of July 1882. Candidates for the grade of Accountant who are not in Government service should be under twenty-five years of age, and must prove to the satisfaction of the Principal that they are under that age.

The following are the centres of examination sanctioned by the Government of India as stations where candidates for fourth grade Accountantships are to appear for examination :—

Agra, Ahmedabad, Ajmere, Akyab, Allahabad, Bolaram, Durbhanga, Howrah, Indore, Jabalpore, Lahore, Lucknow, Meerut, Mhow, Mooltan, Mount Aboo, Nagpore, Neemuch, Rangoon, Rawalpindi, Saidpore, Shillong and Simla.

Candidates for the Accountant's examination are therefore requested to select one of the places mentioned above.

J. S. SLATER,
Offg. Principal, Govt. Engrg. College, Howrah.

SHIBPORE,
The 16th June 1882.

STATEMENT of Government Promissory Notes enfaced for payment of Interest in London, under deduction of amount re-transferred to India, and outstanding in the Books of the Bank of Bengal on the 30th June 1882.

PARTICULARS.	3½ per cent. Transfer Loan of 1853-54.	4 per cent. Loans									4½ per cent. Loans				Transfer Loan of 1879, seven shillings per cent. Portion.	5 per cent. Debenture Loan of 1867-68.	5 per cent. Loan of 1856-57.	GRAND TOTAL.
		Of 1824-25.	Of 1832-33.	Of 1835-36.	Of 1842-43.	Of 1854-55.	Transfer of 1865.	Reduced 4 per cent. Loan of 1879.	Reduced 4 per cent. Loan of 1881.	Total.	Of 1870.	Of 1878.	Transfer Loan of 1879, 4½ per cent. Portion.	Total.				
Balance of 15th June 1882	54,100	...	13,15,520	31,39,900	2,30,07,400	1,04,85,900	2,90,25,637	2,86,75,200	6,000	9,56,55,557	47,79,900	1,07,49,100	9,96,85,300	11,52,14,300	1,11,500	6,92,000	60,200	21,17,87,657
Add—																		
Amount enfaced at Madras between 16th and 30th June 1882	...	...	...	...	7,600	...	1,500	6,000	...	15,100	7,000	...	6,000	13,000	...	...	...	28,100
Amount enfaced at Bombay between 16th and 30th June 1882	...	...	...	1,000	8,500	1,000	33,500	4,000	...	48,000	5,000	1,200	1,12,100	1,18,300	...	...	...	1,66,300
Amount enfaced at Calcutta between 16th and 30th June 1882	...	...	...	3,500	20,000	6,700	46,100	1,20,100	...	1,96,400	3,000	4,100	5,33,000	5,40,100	...	...	...	7,36,500
	54,100	...	13,15,520	31,44,400	2,30,43,500	1,04,93,600	2,91,06,737	2,86,85,300	6,000	9,59,15,057	47,94,900	1,07,54,400	10,03,36,400	11,58,85,700	1,11,500	6,92,000	60,200	21,27,18,557
Deduct—																		
Amount written off in the London Registers	...	...	...	8,100	1,50,700	11,000	8,41,300	1,35,900	...	11,46,900	...	...	1,12,000	1,12,000	...	5,50,000	...	18,08,900
Balance on 30th June 1882	54,100	...	13,15,520	31,36,300	2,28,92,800	1,04,82,600	2,82,65,537	2,86,69,400	6,000	9,47,68,157	47,94,900	1,07,54,400	10,02,24,400	11,57,73,300	1,11,500	1,42,000	60,200	21,09,09,657

NOTE.—From 9th June 1867 to 30th April 1882, enfaced from India 4,566 lakhs; re-transferred from London, 3,784 lakhs.

„ 1st May 1882	to 15th May	„	„	„	11	„	„	„	15	„
„ 16th „	„ to 31st	„	„	„	11	„	„	„	10	„
„ 1st June „	to 15th June	„	„	„	31	„	„	„	44	„
„ 16th „	„ to 30th	„	„	„	9	„	„	„	18	„
					4,628 lakhs.				3,871 lakhs.	
					3,871 „					
Balance against India					757 lakhs.					

PUBLIC DEBT OFFICE,
BANK OF BENGAL;
Calcutta, the 3rd July 1882.

W. D. CRUICKSHANK,
Offg. Secretary and Treasurer.

COMMISSARIAT NOTICE.

The following five Government elephants are now for sale at Agra and Bareilly.

2. Offers are invited, both for purchase of these animals, and also for exchange of good female elephants suitable for Government purposes in place of these, and any reasonable offers will be accepted by the Commissary General.

3. Applications to inspect the elephants and offers for purchase or exchange may be made to the Assistant Commissaries General, Agra and Bareilly, respectively:—

Description of Elephants.

Where for sale.	Register No.	Name.	Sex.	Height.	Probable age.	Tusks.	Eyes.	Number of Nails.	Tail.	Back.	Temper.	Condition.	REMARKS.
				ft. in.									
At Agra.	686	Salka ...	Male	8 4½	45	Perfect ...	Blind off-side.	18	No hair ...	Hollow in centre from wound in youth.	Good	Good	Fit for sowari purposes; never been musth; head and tusks fine; carriage good.
At Agra.	1347	Louis Napolean.	Do. ...	9 7	39	One on off-side.	Perfect ...	18	Short of hair.	Good ...	Vicious.	Do. ...	A fine elephant, unsafe for Government purposes, but Rajahs, &c., might buy him for fighting purposes.
At Agra.	1670	Watson ...	Do. ...	8 9	37	One on off-side split slightly.	Do. ...	18	Do. ...	Do. ...	Uncertain.	Do. ...	A very fine animal, fit for anything, but troublesome at times.
At Agra.	459	Nazirguj ...	Do. ...	8 11	47	Two, off one broken.	Do. ...	18	No hair ...	Do. ...	Do. ...	Do. ...	Unsafe for Government work; a very fine elephant indeed, suitable for fighting purposes.
At Bareilly.	1783	Hastings ...	Do. ...	9 4	59	One broken.	Good ...	18	Good ...	Centre ridge of bone rather high.	Good	Low...	Fit for howdah and shooting purposes.

W. G. SMITH, *Major,*
Officiating Deputy Commissary General.

DEPY. COMMSY. GENL.'S OFFICE,
CENTRAL CIRCLE, LUCKNOW,
The 20th June 1882.

Weekly Statement of Silver tendered, of Certificates issued, and Silver Balance in the Mint.

DATE.	SILVER TENDERED, ESTIMATED VALUE.	CERTIFICATES ISSUED ON		BALANCE OF BULLION		
		General Treasury.	Currency Department.	Under Assay.	Assayed.	Held on account of the Currency Department.
1882.	Rs.	Rs.	Rs.	Rs.	Rs	Rs.
June 26	...	28,292	...	...	72,10,603	33,05,570
„ 27	...	26,887	...	...	71,12,303	32,80,344
„ 28	...	28,651	...	...	70,15,541	32,53,460
„ 29	...	26,457	...	...	69,18,693	32,28,391
„ 30	...	27,868	...	...	68,19,046	32,02,246
July 1	...	14,525	...	...	67,18,983	32,02,246

CALCUTTA MINT,
The 3rd July 1882.

J. F. TENNANT, *Col., R.E.,*
Mint Master.

CURRENCY NOTES.

The following Currency Notes of the Government of India are stated to have been lost, and payment of their value has been claimed by the persons whose names are placed against the numbers. Any other person having these Notes in his possession, or claiming a right to them, is warned to communicate at once with the undersigned:—

Bombay Circle.

NOTE WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Note.	Value.	Name of Claimant.
1882.		Rs.	
W23 ...	M39—49511 ...	1,000	The District Superintendent of Police, Ratnaghiri.

BOMBAY,
The 4th July 1882.

C. E. CRAWLEY,
Assistant Accountant General,
for *Commissioner.*

Calcutta Circle.

NOTES WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Notes.	Value.	Name of Claimant.
		Rs.	
75 ...	P 11—03568 ...	500	Babu Chandra Mohan Das.
76 ...	P 10—49556 ...	100	Gouri Dutt Bhagoban Das.
77 ...	O 65—56176 ...	50	Mr. J. Sutherland.
78 ...	P 12—43852 ...	1,000	Babu Preo Nath Chatterjee.
	„ —43853 ...	1,000	
79 ...	O 11—12515 ...	500	Babu Juggeshar Coondoo.
80 ...	O 88—29187 ...		Babu Ramkristo Das.

CALCUTTA,
The 7th July 1882.

J. TAYLOR,
Asst. Comptlr. Genl., Paper Currency.

Calicut Circle.

NOTE PARTIALLY LOST OR DESTROYED.

No. of Note.	Value.	Name of Claimant.
	Rs.	
J 19—64645* ...	100	Padmanabha Puttor, Munjeri.

* Mutilated.

CALICUT,
The 29th June 1882.

BROOKE LEGGATT,
Depy. Collr., in charge of Paper Currency.

Lahore Circle.

NOTES WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Notes.	Value.	Name of Claimant.
		Rs.	
6 ...	E 19—09760 ...	50	Mr. W. T. VanSomeren, Jhelum.
7 ...	O 89—78186 ...	1,000	Hari Lal Dachundhurry, Ranaghat.

LAHORE,
The 1st July 1882.

W. H. EGERTON,
for *Depy. Commr. of Paper Currency.*

Madras Circle.

NOTES WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Notes.	Value.	Name of Claimant.
		Rs.	
13 ...	B 71—30874 ...	100	Serjeant A. A. Hurst, 2nd Battalion, Lancashire Fusiliers, Mhow.
14 ...	B 45—19469 ...	1,000	G. Chellapathy Naidoo Door No. 79, Peedari Covil Street, Madras.

FORT SAINT GEORGE,
The 26th June 1882.

H. S. GROVES,
Assistant Accountant General, in charge of Paper Currency Dept.,
for *Commissioner.*

POST OFFICE.

NOTIFICATIONS.

List of Unclaimed Letters lying in the Calcutta Post Office on the 2nd July 1882.

Anderson, Mrs. G.
Bennet, Miss.
Brady, Joseph.
Cahill, Mrs. L.
Chapman, G.
Claridge, Mrs. B.
Dover, E. J.
Foster, Mrs. G.
Gordon, S. C.
Hector, A.
Herman, Mr.
Johnson, C. L.
Maccado, Mrs.
Martin, A. C.
Peterson, W. E.
Simpson, Mrs. C.
Smith, G. F.
Syndale, S. C.
Wollaston, W. C.

Letters marked "Care of Post Office, to be kept till called for."

Antonio, D.
A. Z.
Bailey, J. R.
Bercavetz, Abraham.
Bird, Mrs.
Bockman, C.
Bose, K. B.
Bose, P. N.
C. B. A.
C. B. & Co.
Concannon, J.
Cooper, Frank.
Creswell, G. W.
Crow, Mrs. Eliza.
Dodds, F. L.
Driscoll, D. O.
Dun, E. W.
Egan, Mrs. E.
G. L.
Garanger, George.
Girie Chunder Turufdar.
Hankivez, C.
Hansen, H. W. F.
Hartley, S. R.
Harvey, Sir Charles.
Hearne, T.
Herbert, Mrs. R.
Jacky, Monsieur B.
Jox, Henry.
Kanai Lall Seal.
Kegel, F. G. M.
Kennedy, B. H.
Kennet, C. A.
Leonard, Charles B.
Lissant, S. H.
Loudon, Francis.
Mackenzie, H. W. K.
Massy, J.
McIntyre, J.
McKeynolds, John.
Morrison, D. J.
Munro, W.
Orinstein, Signiori Scapria.
Peerotti, H.
Pereira, E. S. B.
Procter, W.
Rex, Miss.
Rhodes, D.
Rook, Mr.
Span, J. M.
Stobie, Lt. J. C.
Strachan, E.
Strongs, W. S.
Stuart, William.
Thomas, W. H.
Traiche, Miss E.
Urage, Mrs. J.
Warnier, M.
Wright, Mrs H.
W. S. G.

Registered Letters.

Bardett & Co.
Carren, W. A.
"E. D."
Howard, E.
"Queenie."
Surilluri, Barnard.

The 7th July 1882.

Foreign Mails for	Date.	Per Steamer
	1882.	
Persian Gulf	14th July	From Bombay.
Madras, Ceylon and Intermediate Ports .	13th "	Str. *Culna.*
Madras and Ceylon	13th "	P. & O. Str. *Nizam.*
Colombo, Penang, Singapore, Hong-Kong, Shanghai, Yokohama and Australian Colonies	11th "	From Bombay.
Foreign Mails *viâ* Bombay	15th "	From Bombay.*
Do. Book Post and Pattern Packets .	14th "	From Bombay.
Rangoon, Moulmein, and Straits . . .	12th "	Str. *Simla.*†
Chittagong, Akyab, Kyouk Phyoo, and Rangoon	13th "	Str. *Commilla.*
Madras, Ceylon, Batavia, Singapore and China	17th "	French Str. *Tibre*
Straits and Hong-Kong	18th "	Strs. *Lennox* and *Japan.*

* Also for Cape Town and Natal *viâ* England; also *viâ* Aden for Zanzibar, Mozambique, and Delagoa Bay, can be forwarded.
† Mail for Port Blair can be forwarded by this opportunity.
N.B.—The letter-box will close at 7 P. M. precisely; after which hour foreign letters, fully prepaid and bearing an extra postage stamp of four (4) annas on each cover, will be received up to 7-30 P. M.

E. HUTTON,
Presidency Post Master.

NOTICE.

Waste Lands available for Planters in the Tavoy District.

Waste lands, covered at present with forest, bamboos or grass, are available for plantations of coffee, tea, cinchona, or spices at altitudes varying from 100 feet to 6,800 feet above the sea in the Tavoy district. This region is between the 13th and 14th parallels of north latitude, and the rainfall ranges from 190 to 220 inches a year. The lands are mostly within 30 to 50 miles of the steamer station of Thayetchoung on the Tavoy river. Mail steamers ply between Thayetchoung and Moulmein or Rangoon once a week inwards and outwards.

II.—Grants of land in lots ranging from 100 to 1,200 acres can be had for planting tea, coffee, cinchona, or spices on application to the Deputy Commissioner of Tavoy. Such grants will be made in accordance with the "Burma Land and Revenue Act, 1876," and with the rules sanctioned thereunder by the Governor General of India in Council. Copies of the Act and rules can be obtained by intending planters on application to the Deputy Commissioner of Tavoy, the Commissioner of Tenasserim at Moulmein, or the Secretariat, Rangoon.

III.—In addition to the concessions and conditions laid down in the Act and rules, the following special concessions will be made to persons taking up land for plantations of coffee, tea, cinchona, or spices in Tavoy, namely,—

(1) A grantee must bring under cultivation one-third of his grant within 12 years from the date of his obtaining the grant. If, after the expiration of 12 years, any surplus uncultivated land, in excess of two acres of waste for each acre of cultivated land, shall remain on the grant, such surplus waste shall then revert to Government; and the grantee shall have no further claim or right in the surplus which has so reverted.

(2) A grantee will not be liable to pay any land revenue or any price for the land of his grant until the end of the tenth year after he enters on possession, provided that he takes *bonâ fide* steps to cultivate a reasonable proportion of the grant with coffee, tea, cinchona, or spices. In the event of any grantee desiring a more

precise definition of a "reasonable proportion," the Chief Commissioner may decide beforehand in each case what proportion of the grant ought to be thus cultivated in each year.

(3) After the end of the tenth year the grantee will be liable to pay land revenue at the rate of Rs. 1-4-0 per acre and cesses at the rate of two annas per acre on one-third of his grant up to the year 1900 A. D.; after the expiration of such year he will be liable to pay for one-third of his grant the same revenue rate as is paid for garden lands in the nearest revenue circle where a garden rate obtains.

(4) A grantee will not be called upon to pay anything for timber, bamboos, or grass which he may cut upon his grant, provided he takes *bonâ fide* steps as aforesaid to cultivate coffee, tea, cinchona, or spices.

IV.—The only payment which a grantee will have to make on receiving his grant will be eight annas an acre for the cost of survey and demarcation. In consideration of such payment the Deputy Commissioner will cause a survey to be made of the grant, will furnish the grantee with a copy of such survey, and will cause boundary marks to be erected at suitable points in the outer boundary of the grant.

V.—The wishes of applicants will be met as far as possible in regard to the situation and shape of their grants. But ordinarily—

(*a*) no grant will be given where the Forest Department intend to make a forest reserve;

(*b*) no grant will be given on such a place as will unduly circumscribe the extension of cultivation of the grazing grounds of any neighbouring village or hamlet;

(*c*) grants facing a road or navigable stream will have to be of a depth double the length facing such road or navigable stream;

(*d*) small strips will be reserved leading to landing places for the benefit of neighbouring villages and grantees.

VI.—The Government is now spending much larger sums than heretofore on roads in the Tavoy district. If planters settle in the district, further funds will be allotted for roads from their neighbourhood to the steamer station at either Tavoy or Thayetchoung.

VII.—In order to encourage pioneers in the coffee and cinchona enterprise in Tavoy, the Government will pay to the first four grantees who begin *bonâ fide* planting operations Rs. 15 per head for every Indian or Chinese coolie, male or female, over 16 years of age, who may be settled and housed on their plantations before the 1st March 1885.

VIII.—In any case of doubt regarding the *bonâ fide* character of operations for the purposes of concessions III and VII, the Deputy Commissioner will decide, and his decision will be subject to appeal to the Commissioner of Tenasserim, whose decision will be final.

IX.—All minerals and metals under and within the lands granted under these rules are reserved by Government, together with a right to enter upon and resume such portion of land as may be necessary for examining or working mines upon payment of just compensation to the grantee for loss of, or injury done to, the surface.

G. D. BURGESS,
Secy. to the Chief Commr., British Burma.

The 6th April 1882.

Meteorological Publications for Sale.

The following publications of the Meteorological Office of the Government of India are on sale and can be procured at the Meteorological Office, No. 4, Middleton Row, or either at Messrs. Thacker, Spink & Co., or at Messrs. Brown & Co., at the prices noted against them:—

	Rs.	A.	P.
Report on the Meteorology of India, in 1875, 4to., 89 pages text, 297 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India, in 1876, 4to., 97 pages text, 340 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India in 1877, 4to., 173 pages text, 375 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India, in 1878, 4to., 149 pages text, 380 pages tables, 3 plates, 4 charts ..	8	0	0
Indian Meteorological Memoirs, Vol. I, Part I, 4to., 118 pages, 9 plates	2	8	0
Indian Meteorological Memoirs, Vol. I, Part II, 4to., 63 pages, 4 plates	1	8	0
Indian Meteorological Memoirs, Vol. I, Part III, 4to., 86 pages, 2 plates	1	8	0
Indian Meteorological Memoirs, Vol. I, Part IV, 4to., 62 pages, 8 plates	1	8	0
Rainfall Chart of India, showing the average annual distribution of rainfall (in colors)	1	0	0
Report on the Vizagapatam and Backergunge Cyclones, October 1876, 4to., 87 pages, 4 plates ...	2	0	0
Report on the Madras Cyclone, May 1877, 4to., 117 pages text, 97 pages tables, 5 plates ...	2	8	0

HENRY F. BLANFORD,
Meteorological Reporter to Government of India.

THE INDIAN LAW REPORTS.

PUBLISHED UNDER AUTHORITY.

The "Indian Law Reports," published under the authority of the Governor General in Council, will appear in monthly parts, published as soon as possible after the first of each month at Calcutta, Madras, Bombay, and Allahabad, and will comprise four series,—one for the Calcutta High Court, a second for the Madras High Court, a third for the Bombay High Court, and a fourth for the Allahabad High Court. The cases heard by the Privy Council on appeal from each High Court will be reported in the Series for that High Court. Cases heard by the Privy Council on appeal from Provinces in India not subject to any High Court will be reported in the Calcutta Series. The Parts of each Series can be had separately, or all four Parts can be had stitched into one wrapper at the option of subscribers and purchasers. It will be observed from the following statement of the terms of subscription and

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MESSRS. HIGGINBOTHAM AND CO., MADRAS;
THE GOVERNMENT CENTRAL BOOK DEPOT, BOMBAY;
THE GOVERNMENT BOOK DEPOT, ALLAHABAD.

Orders and Subscriptions for 1878 should be at once remitted.

THE BENGAL LAW REPORTS.

A few sets of the Bengal Law Reports (Volumes 1 to 15) are available at Messrs. Thacker, Spink & Co., Calcutta, at Rs. 375 a set.

Charts, &c., issued at the Marine Survey Department, Calcutta, by order of the Government of India, and sold at the Office of the Marine Survey Department, 4-4 Loudon's Buildings, Hastings Street, Calcutta, where Admiralty Charts can also be obtained.

☞ **All Charts are corrected up to the date of issue.**

Indian Ocean—

Indian Ocean—Curves of equal magnetic variation. *Annas 8.*
Indian Ocean, Suez to Penang, including Zanzibar and Madagascar (Engraved). Physical and track chart. *Re. 1.*
Arabian Sea, Western portion, with plans of Babel Mandeb Strait and Zanzibar Harbour. *Rs. 2.*
Arabian Sea, Eastern portion, with plans of Kurrachee Bombay, Colombo, Galle and Madras *Rs. 2.*

India, West Coast—

Kurrachee to Vingorla. *Re. 1-12.*
Vingorla to Cape Comorin. *Re. 1-12.*
Port of Sáláya or Seraia. *Re. 1.*
Cutch Mándvi. *Re. 1.*
Veráwal Roads. *Re. 1.*
Sketch of the Entrance to Rajpuri River. *Annas 8.*
Ratnagiri, including Mirya and Kalbadavie Bays. *Re. 1.*
Kundari Island to Chaul. *Re. 1.*
Chaul and Entrance to Kundalika River. *Re. 1.*
Rajapur Bay and Viziadurg with adjacent Coast. *Re. 1.*
Jaygad and Entrance to Shasitri River. *Re. 1.*
Dabhol and Entrance to Washishti River. *Re. 1.*
Bankot and Entrance to Savitri River. *Re. 1.*
Goa and Marmagao Roadsteads. *Annas 12.*
Sadashivgad Bay, including the port of Karwar and Beitkul Cove. *Re. 1.*
Narakel Anchorage. *Annas 8.*
Quilon Roads. *Annas 8.*
Lakadive Group—Cherbaniani Reef, Chitlac and Kiltan Islands. *Annas 12.*
Byramgore Reef or Cheresapani, and Angria Bank. *Annas 8.*
Kolachel Roadstead, with plan of Enciam Rocks. *Re. 1-8.*

India, East Coast—Bay of Bengal, Ceylon, &c.—

Cape Comorin to Coconada, including the Island of Ceylon. *Re. 1-12.*
Tuticorin Roadstead and Harbour. *Re. 1.*
Approaches to Jafnapatam. *Re. 1.*
Paumben Pass. *Re. 1.*
Approaches to Paumben Pass. *Re. 1.*
Mullaittivu or Moeletivoe. *Annas 8.*
Batticaloa Roadstead. *Annas 8.*
Colombo Harbour and its Approaches. *Re. 1.*
Approaches to Point de Galle Harbour, Ceylon. *Re. 1.*
Bay of Bengal, Western Sheet. *Rs. 2.*
Bay of Bengal, Eastern Sheet. *Rs. 2.*
Coromandel Coast. Sheet No. 2, from Latitude 15° to 16° 30′ N. *Re. 1.*
Sheet No. 3, from Latitude 13° to 15° N. *Re. 1.*
Sheet No. 4. *Re. 1.*
Madras Roadstead. *Re. 1.*
Orissa Coast, Narsapoor Point to Palmyras Point, adapted to the latest determinations of the G. T. S. and observations by Commander A. D. Taylor, I.N. *Re. 1.*
Coconada to Bassein River. *Re. 1-12.*
Coringa or Coconada Bay, showing the Northern Godavery Mouths. *Re. 1-8.*
False Point Harbour and Approaches. *Re. 1.*
Hooghly River.—Luff Point to Anchoring Creek, showing the James and Mary Shoals and Entrance to the Roopnarain River. *Re. 1-8.*
False Point to Mutlah River, showing the Approaches to Sandheads. *Re. 1.*
Mutlah River to the Chittagong Coast. *Re. 1.*
Chittagong or Kornafuli River. *Re. 1.*

Coast of Burma, &c.—

Bassein River to Pulo Penang, including the Andaman and Nicobar Islands. *Re. 1-12.*
Coronge Island to White Point, including the Gulf of Martaban. *Re. 1.*
Preparis North Channel and Entrance to Bassein River. *Re. 1.*
Rangoon River Approaches. *Re. 1.*
Port of Rangoon in eight sheets. *Re. 5.*
Entrance to Salween (Maulmain) River. *Re. 1.*
Port of Maulmain. *Re. 1.*
Coast of Tenasserim—Tavoy River, from a sketch by Lieutenant R. Moresby, with Corrections and Additions. *Re. 1.*
Stewart's Sound. *Re. 1.*
Port Mouat, Andamans. *Re. 1.*

Siam—Malay Peninsula, West Coast—

Hayes Island to the Pilgrims. *Re. 1.*
Kopah Inlet. *Re. 1.*
Salang Island (Junkseylon). *Re 1.*
Junkseylon, East Coast.—Puket or Tonkah Harbour. *Re. 1.*

Gulf of Siam—

Siam Gulf, West Coast, Hilly Cape to Lacon Bight. *Re. 1.*
Siam Gulf, West Coast, Lacon Bight to Lem Chang P'ra. *Re. 1.*
Patani Bay. *Annas 8*
Singora Roadstead and Inner Harbour. *Re. 1.*
Lacon Roads. *Re. 1.*
Samuie Strait. *Re. 1.*
Langsuen Roads. *Re 1.*

Sailing Directions, &c.—

* The Sailing Directory, Part I, India, Africa and South America, with Charts. *Rs. 16; packing and postage, Re. 1-12.*

Return of Wrecks and Casualties in Indian Waters for the year 1876, together with a Chart showing the positions in which they occurred. *Rs. 2.*

Ditto ditto for 1877. *Rs. 2.*
Ditto ditto for 1878. *Rs. 2.*
Ditto ditto for 1879. *Rs. 2.*
Ditto ditto for 1880. *Rs. 2.*

List of Light-houses and Light-vessels in British India (Suez to Singapore), corrected from official information. *Re. 1.*

Spheroidal Tables, for every ten minutes of the quadrant, showing the length in feet of a degree, minute, and second of latitude and longitude; the corresponding number of statute miles in each degree of latitude; the number of minutes of latitude, or nautic miles contained in a degree of longitude under each parallel of latitude; and the length, in cables, of a minute of longitude, corresponding to each nautic mile. Compression $\frac{1}{293}$. *Re. 1.*

* Published by Messrs. Allen & Company, Pall Mall, London.

Glossary of French Terms adopted on French Charts and Maps and in Sailing Directions. *Annas 12.*

Table of Natural Scales, 1877. *Annas 4.*

Catalogue of Charts, Maps, Plans, &c., in the Marine Survey Department, Calcutta. *Annas 8.*

Catalogue of Original and other documents deposited in the Marine Survey Department, 1881. *Not for sale.*

Hydrographic Notices—

No. 1. Rangoon River. *Annas 4.*
„ 2. Cancelled; superseded by Notice No. 8 *Annas 4.*
„ 3. Cancelled; superseded by Notice No. 18. *Annas 4.*
„ 4. Cancelled; superseded by Notice No. 23. *Annas 4*
„ 5 Kyouk Phyou Harbour. *Annas 4.*
„ 6. Salween (Maulmain) River. *Annas 4.*
„ 7. Approaches to Point de Galle Harbour. *Annas 4.*
„ 8. Mergui Archipelago. Pages 7 to 10 of this Notice superseded by Notice No. 18. *Annas 4.*
„ 9. Indus Banks and Kurrachee. *Annas 4.*
„ 10. Pámban (Paumben) Pass. *Annas 4.*
„ 11. Andaman Islands. *Annas 4.*
„ 12. Jiddah Harbour, Red Sea. *Annas 4.*
„ 13. Red Sea. Navigation, inshore Passages, 1878 *Annas 4.*
„ 14. Red Sea, 1878. *Annas 4.*
„ 15. South Indian Ocean, Seychelle, Farquhar Islands, and Madagascar. *Annas 4.*
„ 16. Torres Strait and New Guinea, South-east Coast *Annas 4.*
„ 17. India, West Coast, Ratnagiri, Rajapur Bay, and Viziadurg. *Annas 4.*
„ 18. Coast of Siam, including Junkseylon and adjacent islands. *Annas 4.*
„ 19. Africa, East Coast, Pemba Island and adjacent Coast *Annas 4.*
„ 20. India, West Coast, the coast from Kundari Island to Chaul, and the harbours of Dabhol and Jaygad. *Annas 4.*
„ 21. Arabian Coast, Rás Matbakh, 1880. *Annas 4.*
„ 22. Red Sea. Notes from various sources, 1880. *Annas 4.*
„ 23. Coast of Orissa. False Point Harbour and Approaches. *Annas 4.*
„ 24. India, West Coast, Harbours of Karwar and Bankot. *Annas 4.*
„ 25. Africa, East Coast, Zanzibar to Barava *Annas 4.*
„ 26. Red Sea. Notes from various sources, 1880, 1881. *Annas 4.*

Notices to Mariners.

Price 1 anna for each issue.

Notices to Mariners issued during the year 1875—

No. 1. Fixed Light on Green Island, Hong-Kong, China.
„ 2. Malwan Rock, Malwan.
„ 3. Fixed white Light at Dwarka, Kattywar.
„ 4. Mooram Shulli Tivo Island, and Devil's Point, Gulf of Manaar.
„ 5. (1) Fixed Light at Vizagapatam.
(2) Coral Shoal of Caltura, Ceylon.
(3) Rock off Barberyn Island.
„ 6. Foundering of the Buoy Vessel *Mata Mata*, Rangoon.
„ 7. (1) Revolving Light near Acheen Head, Malacca Strait.
(2) Auxiliary Light to above.

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„ 2. Exhibition of Hope Island Light, Coromandel Coast.
„ 3. Prohibited anchorage near the British Indian Submarine Telegraph Cable, Madras.
„ 4. (1) Pulo Brasse auxiliary Light, Malacca Strait.
(2) Island between Pulo Nias and Sumatra.
„ 5. Vessels trading to Réunion, Indian Ocean.
„ 6. Replacement of the Buoy on the western edge of Dolphin Shoal, Chittagong Coast.
„ 7. China Bakeer Light, Martaban Gulf.
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„ 8. Fixed white Light at Verawal.
„ 9. Buoyage of Kyouk Phyou, British Burma.
„ 10. Fixed white Light at Bet or Beyt (Gulf of Cutch), Kattywar.
„ 11. Fixed white Light at Porbandar, Kattywar.
„ 12. (1) Displacement of the Buoy in Narakel Roadstead, Cochin.
(2) Buoy marking the Smooth-water anchorage to the southward of Alipee (Aulapolay), Travancore.
No. 13. (1) Intended Light on Pulo Pisang, Malacca Strait.
(2) Sunken reef in Siberoet Strait, Sumatra, West Coast.
„ 14. Deposit of stone mound at the end of the breakwater Colombo, Ceylon.
„ 15. Period of exhibition of the *blue* Light during the South-west monsoon, from the Eastern Channel Light-vessel at the entrance to River Hooghly.
„ 16. Rock near west end of Pulo Brasse.
„ 17. (1) Beacon on two fathom patch off Batticaloa Road, Ceylon.
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„ 18. Directions for Kurrachee Harbour.
„ 19. Beacon on two fathom patch off Batticaloa Road, Ceylon.
„ 20. Fixed Light at Calingapatam Point, Coromandel Coast.

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„ 4. Pooree Port limits, Orissa Coast.
„ 5. Extension of the Hajamri Mouth of the River Indus.
„ 6. Red Lights at Port Victoria, Mahé, Seychelles.
„ 7. Light at Port Berbereh, Gulf of Aden.
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„ 12. Position of Cochin Light-house.
„ 13. Position of Raleigh Rock, and additional beacons, Bombay.
„ 14. Buoy, marking Gindurah Rock, Galle.
„ 15. Alteration in Manora Point Light, Kurrachee; and discovery of a bank near Towak Island, Red Sea.
„ 16. Dangerous rocks in Forrest Strait, Mergui Archipelago and Richelieu Rock off Kopah Inlet.
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„ 22. Additional information, Krishna Shoal Light-vessel and Light at Pooree.
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No. 27.] CALCUTTA, SATURDAY, JULY 8, 1882.

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GOVERNMENT OF INDIA.

HOME DEPARTMENT.

LEVY OF MUNICIPAL TAXES IN CANTONMENTS

The following revised Order is published for general information :—

[NOTE.—To supersede the Order issued in the Home Department, Nos. 1-38—52, dated the 24th April 1880].

No. 163.

Extract from the Proceedings of the Government of India in the Home Department (Municipalities), under date Simla, the 18th November 1881.

Read—

Section 24 of Act III of 1880 (The Cantonments Act, 1880).

ORDER.

In exercise of the power conferred by section 24 of Act III of 1880 (The Cantonments Act, 1880), the Governor General in Council is pleased to declare that, in any cantonment situated in British India which may have been, or may in future be, brought under the operation of a Municipal Act, the following classes of persons shall, when on duty in such cantonment, be exempted from the operation of taxes of the following kinds :—

Persons exempted.

All persons exclusively in military employ or belonging to any department directly attached to the Army or to the Public Works Department, Military Branch, being persons subject to the Army Discipline and Regulation Act, 1879, or the Indian Articles of War.

Taxes from the operation of which exemption is granted.

(1) Municipal taxes on salaries.
(2) Municipal taxes on professions, trades, callings, offices, or appointments.
(3) Municipal taxes on horses, mules, or ponies kept for military duty.
(4) Municipal tolls leviable on any ferry or road in respect of animals or vehicles kept or used for military duty.

2. In further exercise of the power conferred by the same section, the Governor General in Council is pleased to prohibit the levy, in any cantonment in British India, of any municipal tax whatsoever on public property, such as animals or vehicles.

3. In this Order the expressions "municipal tax," "municipal taxes," and "municipal tolls" include any tax or toll imposed by virtue of the provisions of a Municipal Act under the operation of which any cantonment may have been, or may in future be, brought.

A. MACKENZIE,
Offg. Secy. to the Govt. of India.

GOVERNMENT

DEPARTMENT OF FIN

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPEE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Madras.	Ganjam	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Vizagapatam																		
	Godavery																		
	Kistna																		
	Nellore																		
	Cuddapah																		
	Anantapur																		
	Bellary																		
	Kurnool																		
	Madras																		
	Chingleput																		
	North Arcot																		
	South Arcot																		
	Tanjore																		
	Trichinopoly																		
	Madura																		
	Tinnevelly																		
	Coimbatore																		
	Nilgiris																		
	Salem																		
	South Canara																		
	Malabar																		
Bombay.	Bombay	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Ahmedabad																		
	Kaira																		
	Surat																		
	Broach																		
	Tanna (Salsette)																		
	Colába (Alibág)																		
	Khandesh (Dhulia)																		
	Násik																		
	Ahmednagar																		
	Poona																		
	Sholápur																		
	Kaládgi (Bagalkot)																		
	Satara																		
	Belgaum																		
	Dharwar (Hubli)																		
	Ratnágiri																		
	Kanara (Karwar)																		
	Pánch Maháls (Godhra)																		
	Aden																		
	Asirgarh																		
	Baroda																		
	Disa																		
	Nimach																		
	Nasirabad																		
	Rájkot																		
	Upper Sindh Frontier	14 0	15 0	11 13½	26 0	26 0	17 13½	11 4	11 4	8 14	22 12	22 12	12 8¼	33 8	32 0	21 5	...	...	16 13
	Karachi	12 2	12 2	12 5	21 0	21 0	22 0	9 8	10 0	9 0	15 0	15 0	12 0	22 0	23 0	20 0	18 8	18 8	19 0
	Haidarabad (Nakur)	16 0	17 0	13 0	25 0	20 0	20 0	12 0	12 0	10 0	20 0	20 0	14 0	26 0	26 0	20 0	25 0	25 0	20 0
	Shikarpur	13 10½	13 5	12 12	26 5	26 9	20 0	12 12½	12 4	10 0	18 0	16 0	16 0	26 5	26 10	18 11	29 5	26 10	18 12
	Thar and Parkar (Umarkot)	17 8	17 9	16 8	...	...	...	...	...	...	14 4	14 0	10 5	...	...	...	19 5	19 0	16 0
Bengal.	*Western Districts.*																		
	Burdwan	14 0*a*	13 12	14 8	21 0	21 0	30 0	25 8	27 0	28 8	28 4	31 4	30 0	...	...	...	...	...	...
	Bancoorah	18 8*b*	13 8	16 0	18 0	14 0	19 0	25 0	25 0	24 8	35 0	40 0	30 0	...	...	...	...	...	...
	Beerbhoom	14 0*c*	15 0	18 0	...	...	...	22 4	23 0	22 0	32 0	31 0	27 0	...	...	...	...	...	...
	Midnapore	16 0*d*	16 0	15 0	...	...	...	22 0	23 0	27 0	30 0	33 0	33 0	...	...	...	...	...	...
	Hooghly	18 0*e*	18 0	15 0	...	...	...	10 0	10 0	10 0	20 0	20 0	20 0	...	...	...	...	...	...
	Howrah	13 4	13 4	15 8	...	...	...	16 4	16 8	16 0	20 0	21 0	22 8	...	...	...	...	...	...

a In the sub-divisions retail prices of salt are as follow :—Culna 15 seers, Cutwa 12-10 seers, and Raneegunge 13-8 seers.
b Retail price of salt at Raipore 12-8 seers, at Onda 16 seers, and at Mejia, Bishenpore, Sonamukhi and Kotulpore 13 seers.
c In the interior retail prices of salt range from 10 to 13-5 seers.

OF INDIA.

ANCE AND COMMERCE.

INDIA FOR THE 1st HALF OF JUNE 1882.

IN SEERS OF 80 TOLAHS.

Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murnwa, Nuglee), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt.						Districts.	Provinces.
									Wholesale.			Retail.				
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
...	...	...	...	...	...	...	...	...	...	...	No return received				Ganjam	Madras.
															Vizagapatam	
															Godavery	
															Kistna	
															Nellore	
															Cuddapah	
															Anantapur	
															Bellary	
															Kurnool	
															Madras	
															Chingleput	
															North Arcot	
															South Arcot	
															Tanjore	
															Trichinopoly	
															Madura	
															Tinnevelly	
															Coimbatore	
															Nilgiris	
															Salem	
															South Canara	
															Malabar	
...	...	...	...	...	...	...	...	...	...	...	No return received				Bombay	Bombay.
															Ahmedabad	
															Kaira	
															Surat	
															Broach	
															Tanna (Salsette)	
															Colába (Alibág)	
															Khandesh (Dhulia)	
															Násik	
															Ahmednagar	
															Poona	
															Sholápur	
															Kaladgi (Bagalkot)	
															Satara	
															Belgaum	
															Dharwar (Hubli)	
															Ratnágiri	
															Kanara (Karwar)	
															Pánch Mahâls (Godhra)	
															Aden	
															Asirgarh	
															Baroda	
															Disa	
															Nimach	
															Nasirabad	
															Rájkot	
40 0	40 0	...	22 4	22 0	17 4¾	160 0	160 0	160 0	§12 4¾	§12 4¾	§10 10½	§12 4	§12 4	§10 0	Upper Sindh Frontier	
13 0	13 0	9 8	15 0	17 0	20 0	105 0	105 0	103 0	17 13	17 13	14 3	17 0	17 0	14 0	Karachi	
...	...	...	16 0	16 0	11 0	480 0	480 0	320 0	14 0	14 0	10 0	14 0	14 0	10 0	Haidarabad (Nakur)	
...	...	...	19 7	19 1	20 0	280 0	285 0	240 0	13 2	13 2	11 2	13 0	13 0	11 0	Shikarpur	
...	...	...	...	...	...	160 0	160 0	160 0	10 11	10 11	9 10	10 11	10 11	9 10	Thar and Parkar (Umarkot)	
									Prices per md. of 40 seers.						*Western Districts.*	Bengal.
									Rs. A. P.	Rs. A. P.	Rs. A. P.					
...	...	...	24 0	24 0	24 0	120 0	120 0	80 0	2 12 0	2 12 0	...	13 12	13 12	10 0	Burdwan	
...	...	...	20 0	21 0	20 0	320 0	320 0	320 0	3 2 0	3 2 0	...	13 0	13 0	9 0	Bancoorah	
...	...	...	24 0	25 0	26 0	180 0	200 0	180 0	3 3 6	3 3 6	...	12 0	12 0	9 0	Beerbhoom	
...	...	...	20 0	20 0	18 0	160 0	160 0	160 0	3 0 0	3 0 0	...	13 8	13 8	9 0	Midnapore	
...	...	...	21 0	21 0	21 0	120 0	120 0	120 0	2 14 0	2 14 0	...	13 9	13 0	9 0	Hooghly	
...	...	...	21 0	22 8	21 8	80 0	80 0	80 0	2 14 0	2 14 0	4 0 0	13 0	13 0	...	Howrah	

d In the sub-divisions retail prices of salt are as follow :—Contai 12 seers, Tumlook 14 seers, and Ghatal 15 seers.
e In the sub-divisions retail prices of salt are as follow :—Serampore 13 seers and Jehanabad 13-8 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPEE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Bengal—*continued.*	*Central Districts.*																		
	Calcutta	13 5	14 9	17 12	26 8	26 10	35 8	10 0	10 0	7 4	20 0	20 0	16 0	23 2	29 0	26 10	...	...	...
	24-Pergunnahs	13 5*e*1	12 4	15 0	20 3	20 4	26 10	10 8	10 8	10 0	17 0	17 8	17 4	19 0	16 0	...	...	...	...
	Nuddea	15 4*f*	15 4	16 13	26 0	29 0	35 8	18 13	18 13	17 4	21 5¼	21 5¼	22 14	...	...	...	...	...	...
	Jessore	16 0*g*	16 0	17 0	...	...	...	18 12	20 0	20 0	29 0	27 0	28 8	...	...	...	...	...	...
	Moorshedabad	16 0*h*	18 0	22 0	...	...	...	18 0	17 0	19 0	24 0	24 0	26 0	...	...	...	...	...	...
	Dinagepore	10 8*i*	13 0	15 0	16 0	16 0	26 8	22 0	24 0	24 0	25 4	28 0	33 8	...	...	...	...	...	...
	Rajshahye	16 8*j*	15 0 to 17 4	22 8	48 12	48 12	45 0	18 0 to 18 12	18 12 to 20 0	21 0	21 0 to 24 0	21 9 to 24 6	26 4 to 28 2	...	...	...	...	...	...
	Rungpore	15 0*k*	15 0	18 0	...	...	...	16 0	16 0	15 0	22 8	22 8	22 8	...	...	...	...	...	...
	Bogra	15 12	15 12	18 6	...	...	...	18 0	15 12	24 0	28 2	28 2	35 10	...	...	...	...	...	...
	Pubna	18 0*l*	20 0	22 8	...	...	...	10 0	10 0	12 0	23 4	26 4	33 0	...	...	...	...	...	...
	Darjeeling	8 0	8 0	8 0	8 0	8 0	8 0	5 0	6 0	5 0	13 0	14 0	12 0	...	...	...	...	...	...
	Julpaiguri	9 0*m*	9 0	10 0	20 0	20 0	...	16 0	16 0	16 0	24 0	24 0	22 8	...	...	...	...	...	...
	Eastern Districts.																		
	Dacca	15 4*n*	16 0	16 12	40 0	40 0	40 0	20 10	25 0	22 10	26 6	32 0	29 12	...	...	...	...	...	...
	Furreedpore	21 0*o*	22 0	20 0	35 0	37 0	30 0	22 0	21 0	7 0	23 0	23 0	26 0	...	...	...	...	...	...
	Backergunge	... *p*	...	...	...	...	...	22 0	22 0	22 0	26 0	26 0	30 0	...	...	...	...	...	...
	Mymensingh	11 8*q*	11 8	11 8	...	...	...	22 8	22 8	24 0	29 0	30 0	28 0	...	...	...	...	...	...
	Tipperah	13 4*r*	13 0	14 0	...	...	...	22 8	22 0	24 0	28 0	29 0	37 0	...	...	...	...	...	...
	Chittagong	9 0*s*	9 0	12 4	...	...	...	18 0	13 4	20 0	22 8	22 8	32 0	...	...	...	...	...	...
	Noakholly	... *s*1	...	...	...	...	...	27 0	27 0	26 0	31 0	31 0	30 0	...	...	...	...	...	...
	Chittagong Hill Tracts	...	...	...	...	...	...	16 0	14 8	16 0	17 12	17 12	17 3	...	...	...	...	...	...
	Hill Tipperah	10 0	10 0	12 0	...	...	...	24 0	26 0	32 0	34 0	34 0	40 0	...	...	...	...	...	...
	Behar.																		
	Patna	16 8	18 0	22 0	34 0	40 0	40 0	11 8	12 0	15 0	21 8	21 0	22 0	...	...	...	...	...	...
	Gya	17 8	18 0	21 0	29 0	27 0	39 0	12 0	12 0	13 0	20 8	21 0	20 8	...	...	...	...	...	...
	Shahabad	15 0*t* to 17 0	17 0 to 19 0	21 0 to 22 0	30 0	30 0	35 0	20 0 to 21 0	20 0 to 21 0	21 0	22 0	22 0	23 0	...	...	...	...	...	...
	Durbhunga	15 0*u*	18 0	24 0	35 0	35 0	52 0	14 0	14 0	18 8	16 0	17 0	24 8	...	...	...	...	...	...
	Mozufferpore	17 0*v*	18 0	24 0	30 0	30 0	40 0	12 0	12 0	11 0	17 0	17 0	21 0	...	...	...	...	...	...
	Sarun	16 0	16 8	19 0	32 0	32 0	40 0	10 0	10 0	10 8	22 0	22 0	22 0	37 0	35 0	42 0	...	...	...
	Chumparun	10 0*w*	18 0	22 0	38 0	40 0	45 0	12 0	12 0	12 0	21 0	20 12	21 0	...	...	...	...	...	...
	Monghyr	16 12*x*1	18 14	22 0	31 8	31 8	42 0	15 11	16 12	14 11	18 15	19 15	19 15	...	...	...	...	...	...
	Bhágalpur	15 2*x*	15 2	17 11	34 0	25 5	44 7	18 5	20 3	17 11	22 12	22 11	20 3	...	...	...	...	...	...
	Purneah	16 0*y*	18 0	24 0	...	...	...	22 0	22 0	24 0	26 0	23 0	30 0	...	...	...	...	...	...
	Maldah	16 0	17 8	22 0	...	...	...	18 0	17 0	16 0	22 0	23 0	26 0	...	...	...	...	...	...
	Sonthal Pergunnahs	13 0*z*	14 0	15 0	...	...	...	20 0	22 0	25 0	25 0	27 0	27 8	...	...	...	...	...	...
	Orissa.																		
	Cuttack	13 2	14 7	23 10	...	...	...	15 12	15 12	19 11	26 4	26 4	22 5	...	...	...	...	...	...
	Pooree	12 8	13 0	18 6	...	...	...	22 0	21 0	21 0	25 0	25 0	27 0	...	...	...	...	...	...
	Balasore	16 0	16 0	16 0	...	...	...	26 0	26 0	32 0	32 0	32 0	40 0	...	...	...	...	...	...
	Chota Nagpore—South-Western Frontier Agency.																		
	Hazaribagh	16 0*z*1	16 0	20 8	24 0	24 0	30 0	11 0	12 0	12 0	21 0	21 0	22 0	...	...	...	...	...	...
	Lohardugga	18 0	19 0	20 0	28 0	30 0	30 0	22 0	23 0	22 0	26 0	27 0	25 0	...	...	...	...	...	...
	Singbhoom	22 0	22 0	24 0	32 0	32 0	40 0	36 0	36 0	32 0	40 0	40 0	36 0	...	...	...	...	...	...
	Manbhoom	13 0*z*2	13 0	18 0	...	...	40 0	19 0	18 0	21 0	34 0	33 0	31 0	...	...	45 0	...	...	...

*e*1 In the sub-divisions retail prices of salt are as follow:—Barasat 14 seers, Bussirhat 13 seers, Diamond Harbour 10-8 seers, Barripore 10 seers, Barrackpore 12-12 seers, and Dum-Dum 12 seers.
f In the sub-divisions retail prices of salt are as follow:—Kooshtea 13 seers, Chooadanga 12 seers, Meherpore 12 seers, Ranaghat 14-8 seers, and Bongong 13-5 seers.
g In the sub-divisions retail price of salt is 12 seers.
h In the sub-divisions retail prices of salt are as follow:—Lalbagh 10 seers, Jungypore 11-6 seers, and Kandi 11-8 seers.
i Retail price of salt at Raigunge 10-8 seers and at Nitpore 10 seers.
j In Nattore retail price of salt is 12 seers.
k In the sub-divisions retail price of salt is 12 seers.
l In Serajgunge retail price of salt is 12-8 seers.
m Retail price of salt at Fallacotta in Alipore sub-division is 12 seers.
n In the sub-divisions retail prices of salt are as follow:—Manickgunge 12 seers, Moonsheegunge 10-10⅔ seers, Naraingunge 13-8 seers.
o In the sub-divisions retail prices of salt are as follow:—Goalundo 13 seers, Madaripore 13 seers, Bhauga 15 seers, and Gopalgunge 12 seers.
p In the sub-divisions retail prices of salt are as follow:—Patuakhali 10-10 seers, Bhola 10 seers, and Ferozepore 11 seers.
q Retail price of salt at Kishoregunge 12-5 seers, Attea 12 seers, Jamalpore 11 seers, and Netrokona 12-5 seers.

INDIA FOR THE 1st HALF OF JUNE 1882—*continued.*

IN SEERS OF 80 TOLAHS.

Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nagice), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt. Wholesale prices per maund of 40 seers.			Salt. Retail.			Districts.	Provinces.
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	S. Ch.	S. Ch.	S. Ch.		
															Central Districts.	Bengal—*continued.*
...	...	...	23 0	22 14	25 9	90 0	90 0	90 0	2 10 0	2 10 0	...	13 8	13 8	10 0	Calcutta	
...	...	...	20 0	20 0	23 0	80 0	90 0	90 0	3 0 0	2 12 0	...	13 5	14 8	9 8	24-Pergunnahs	
...	...	...	22 15	22 15	26 10¼	...	...	...	2 13 0	2 14 1	...	12 13¼	12 13¼	9 11	Nuddea	
...	...	...	18 0	22 0	20 0	120 0	110 0	110 0	3 2 0	3 2 0	...	11 8	11 8	8 0	Jessore	
...	...	...	26 0	32 0	32 0	120 0	120 0	120 0	3 0 0	3 5 0	...	12 8	10 8	9 0 to 10 0	Moorshedabad	
...	...	...	17 4	17 0	17 8	160 0	160 0	160 0	3 4 0	3 4 0	...	12 0	12 0	8 8	Dinagepore	
...	...	...	24 0	22 8 to 24 6	26 4	240 0	240 0	240 0	3 5 3	3 5 3	...	12 0	12 0	9 3	Rajshahye	
...	...	...	15 0	15 0	12 0	135 0	135 0	120 0	3 5 3	3 5 0	...	11 8	11 8	8 12	Rungpore	
...	...	...	15 12	15 0	15 0	67 8	67 8	67 8	3 5 4	3 4 0	...	10 8	12 0	8 10	Bogra	
...	...	...	20 0	21 4	20 0	200 0	200 0	200 0	3 0 0	3 0 0	...	12 0	12 0	9 6	Pubna	
8 0	8 0	9 0	8 0	10 0	8 0	160 0	160 0	160 0	4 8 0	4 8 0	...	8 0	8 0	5 0	Darjeeling	
...	...	...	16 0	16 0	13 5	128 0	128 0	64 0	3 4 0	3 4 0	...	11 0	11 0	8 0	Jalpáiguri	
															Eastern Districts.	
...	...	...	22 10	25 0	21 0	91 4	91 4	106 0	2 15 0	2 15 0	4 1 3	13 5	13 5	10 0	Dacca	
...	...	...	12 0	10 0	12 0	...	...	...	3 0 0	3 1 3	...	12 0	12 0	10 0	Furreedpore	
...	...	...	20 0	21 0	19 8	100 0	100 0	140 0	3 11 0	3 11 0	...	10 9	10 9	8 8	Backergunge	
...	...	...	17 0	16 0	18 8	...	...	...	3 2 0	3 2 0	...	12 8	12 12	9 0	Mymensingh	
...	...	...	18 0	18 8	18 0	...	...	...	3 2 0	3 2 0	...	12 12	12 12	9 8	Tipperah	
...	..	...	16 0	16 0	16 0	80 0	80 0	80 0	3 0 0	2 11 0	...	12 0	13 0	6 8	Chittagong	
...	...	...	15 0	15 0	16 0	...	...	...	3 4 0	3 8 0	...	10 0	10 0	8 0	Noakholly	
...	...	...	...	...	...	320 0	320 0	320 0	3 8 0	3 8 0	...	10 0	10 0	6 6	Chittagong Hill Tracts	
...	...	...	13 0	13 0	10 8	...	...	...	...	...	...	10 0	10 0	8 0	Hill Tipperah	
															Behar.	
...	...	...	30 0	34 0	35 0	130 0	130 0	120 0	3 2 0	3 3 0	...	10 9	10 8	...	Patna	
...	...	...	28 0	28 0	32 0	180 0	160 0	180 0	3 4 0	3 4 0	...	11 8	12 0	9 0	Gya	
...	...	...	32 0	32 0	33 0	120 0	120 0	140 0	3 1 0	3 2 0	...	12 8	12 0	9 8	Shahabad	
35 0	35 0	38 0	27 8	27 0	30 0	160 0	160 0	154 0	3 4 6	3 8 0	...	11 0	11 14	9 0	Durbhunga	
...	...	...	28 0	29 0	31 0	140 0	140 0	140 0	3 2 0	3 4 0	...	12 8	12 0	8 8	Mozufferpore	
32 0	32 0	32 0	31 0	31 0	31 0	160 0	160 0	160 0	3 5 0	3 6 0	...	11 8	11 8	9 0	Sarun	
...	...	...	30 0	28 0	36 0	...	...	...	3 8 0	3 7 0	...	11 0	11 0	8 0	Chumparun	
...	...	...	36 12	35 10	36 12	147 0	126 0	126 0	3 1 0	3 1 0	...	12 14	12 14	8 6	Monghyr	
...	...	...	29 0	31 3	23 12	138 14	138 5	126 4	2 10 0	2 15 0	...	12 10	12 10	9 6	Bhágalpur	
...	...	...	23 0	24 0	21 0	160 0	160 0	120 0	...	...	...	10 0	10 0	8 0	Purneah	
...	...	...	26 0	28 0	25 0	120 0	120 0	120 0	3 0 0	3 0 0	...	13 0	12 0	9 0	Maldah	
...	...	...	22 0	22 0	22 0	200 0	200 0	200 0	...	...	...	10 8	10 0	8 0	Southal Pergunnahs	
															Orissa.	
14 7	15 12	18 6	22 5	22 5	22 5	160 0	160 0	160 0	3 0 0	3 0 0	3 8 0	13 0	13 0	11 0	Cuttack	
...	...	...	14 0	14 0	19 0	102 0	100 0	100 0	3 2 0	3 2 0	4 6 0	13 0	13 0	9 3	Pooree	
...	...	...	16 0	16 0	13 5	160 0	160 0	160 0	3 2 0	3 2 0	4 6 0	13 0	13 0	9 4	Balasore	
															Chota Nagpore—South-Western Frontier Agency.	
42 0	35 0	45 0	20 0	21 0	24 0	240 0	240 0	200 0	3 11 3	3 7 3	...	10 0	11 0	7 8	Hazáribágh	
38 0	38 0	44 0	20 0	20 0	20 0	130 0	140 0	140 0	4 0 0	4 0 0	...	9 0	9 0	7 8	Lohardugga	
...	...	...	24 0	24 0	24 0	180 0	180 0	160 0	4 7 0	4 7 0	...	8 0	8 0	7 0	Singbhoom	
...	...	64 0	17 0	18 0	20 0	140 0	140 0	140 0	3 8 0	3 10 0	...	11 0	11 0	8 8	Manbhoom	

r Retail price of salt in the sub-divisions 13 seers.
s Retail price of salt at Kumeriah 9 seers and Cox's Bazar 10 seers.
s1 In the interior retail prices of salt range from 8 to 10-12 seers.
t In the sub-divisions retail prices of salt are as follow :—Buxar 11-8 seers, Bhabooah 10-8 seers, and Sasseram 11-8 seers.
u In Tajpore retail price of salt is 11-8 seers.
v In the interior retail prices of salt range from 8 to 12-12 seers.
w In the interior retail prices of salt range from 10 to 12-8 seers.
w1 In the sub-divisions retail prices of salt are as follow :—Begu Serai 12-5 seers, and Jamui 12-8 seers.
x In the sub-divisions retail prices of salt are as follow :—Banka 11 seers, Mudehpoora 10-8 seers, and Soopole 11 seers.
y In th sub-divisions retail prices of salt are as follow :—Kishengunge 10 seers, and Arrareah (Ranigunge) 9 seers.
z Retail price of salt in Godda 10 seers.
z1 Retail price of salt in Kharagdiha 12 seers.
z2 Retail price of salt at Burrabazar 13 seers, Roghunathpur 12 seers, Jhalda 11 seers, and Govindpore 11-12 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPEE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Assam.	Sylhet	11 12	13 0	13 0	...	...	...	17 0	17 0	16 0	35 0	35 0	24 8	...	...	...	...	...	...
	Cachar	9 2	10 10	11 13	16 0	12 13	20 0	21 5	16 0	20 0	25 10	21 5	22 12	...	...	...	...	...	...
	Goálpárá	26 11	26 11	26 11	...	...	...	13 5	13 5	16 0	20 0	20 0	20 0	...	...	...	...	...	...
	Gáro Hills	4 0	4 0	4 0	...	...	...	5 0	5 0	5 0	18 0	18 0	18 0	...	...	...	...	...	...
	Kámrúp	19 0	20 0	14 0	...	...	...	11 0	13 0	18 0	18 0	18 0	22 0	...	...	...	...	...	...
	Darrang	...	...	...	...	...	...	10 0	10 0	8 0	16 0	16 0	16 0	...	...	...	...	...	...
	Nowgong	...	...	...	...	...	...	13 8	13 8	10 0	16 0	16 0	16 0	...	...	...	...	...	...
	Sibságar	...	...	...	...	...	...	6 8	6 8	8 0	16 0	18 0	12 0	...	...	...	...	...	...
	Lakhimpur	8 0	8 0	8 0	10 0	10 0	...	7 0	7 0	8 0	16 0	16 0	16 0	...	...	...	...	...	...
	Khásí & Jaintiá Hills	...	...	8 0	...	...	...	10 0	9 0	9 0	11 0	10 0	10 0	...	...	...	...	...	...
	Nága Hills	...	...	...	...	...	...	5 0	5 0	4 0	8 0	8 0	...	...	...	...	...	...	...
N. W. Provinces.	Debra Dún	19 0	19 0	18 0	30 0	31 0	28 0	11 0	11 0	11 0	12 8	12 8	12 8	22 0	24 0	14 0	20 0	20 0	16 0
	Saháranpur	20 7	20 15½	19 14½	29 1	30 2	28 0	9 11	10 12	8 1	12 14	12 14	11 14	25 13	25 13	19 6	23 10	26 18	19 6
	Muzaffarnagar	18 11	19 0	21 8	28 11	30 12	33 0	6 9	6 9	6 9	14 5	14 5	12 10	26 6	26 6	23 2	22 0	22 0	19 12
	Meerut	18 0	18 0	21 12	24 0	25 0	30 0	6 0	6 0	5 8	16 0	16 0	13 0	25 0	25 0	18 0	21 0	22 0	18 0
	Bulandshahr	18 14	18 4	21 6	23 0	22 8	28 8	6 0	6 0	6 0	10 15	10 10	10 12	23 0	24 0	22 0	20 0	21 0	20 0
	Aligarh	17 8	18 8	19 0	22 8	22 8	24 8	6 0	6 0	6 0	15 8	15 8	15 0	24 8	24 0	19 8	19 0	20 0	18 8
	Kumaun	17 0	15 0	14 0	18 0	20 0	16 0	10 0	10 0	8 0	13 0	13 0	11 0	...	...	...	...	...	...
	Garhwál	23 8	22 0	20 0	25 0	28 0	20 0	9 0	10 0	8 0	15 0	16 0	11 8	...	...	...	...*	...*	...*
	Bijnor	17 2	17 2	20 8	26 7	25 5	28 2	11 4	11 4	11 4	12 10	12 15	13 8	22 8	24 12	18 0	19 2	20 4	16 14
	Moradabad	18 7	18 11	21 4	24 6	25 10	29 6	9 6	9 6	7 13	14 6	14 6	13 2	23 12	25 10	22 8	19 6	19 6	...
	Budaun	17 11	17 9½	21 0	21 14	21 9½	31 3	9 9½	9 9½	6 0	15 9½	15 2	15 9½	...	...	...	...	...	...
	Bareilly	17 3	17 8	18 12	25 0	25 0	28 12	8 2	8 2	7 8	15 0	15 0	13 12	22 8	22 8	25 0	20 0	16 14	23 2
	Sháhjáhánpur	18 4	19 4	22 2	23 8	26 0	29 12	9 4	9 4	7 8	16 8	16 8	14 4	...	...	...	...	...	...
	Taráí Pergunnahs	20 0	20 0	23 0	30 0	31 4	35 0	7 8	10 0	8 12	13 0	13 12	14 0	...	...	...	...	...	...
	Muttra	17 0	16 12	18 12	21 8	21 8	23 8	...	...	7 8	15 0	15 0	13 8	22 0	23 0	20 0	18 0	18 0	18 0
	Agra	16 12	17 0	18 0	20 8	21 8	23 0	6 8	6 8	6 0	14 0	14 0	13 8	22 0	22 0	22 0	20 0	20 0	21 8
	Farukhabad	16 13	17 12	19 14½	21 0	23 1	27 0	8 3	8 3	6 4	14 0½	14 6½	14 5	21 6	23 8½	13 4½	20 13	...	13 10
	Mainpuri	17 12	18 0	18 12	21 8	21 0	23 0	5 0	5 0	4 0	11 0	11 0	12 0	...	...	...	...	...	...
	Etáwah	17 0	17 8	18 0	23 0	22 8	23 0	6 0	6 0	6 0	14 8	14 8	14 8	16 0	22 8	23 0	16 0	20 0	23 0
	Etah	20 0	18 8	20 0	22 8	23 8	26 0	8 0	6 8	10 0	13 0	13 8	12 0	...	...	...	18 0	...	...
	Jalaun	19 0	19 0	21 0	20 0	20 0	24 0	10 0	10 0	8 0	13 0	13 0	12 0	28 0	30 0	24 0	24 0	25 0	24 0
	Jhánsi	21 4	21 14½	22 4	33 5	33 10	31 0	8 8	8 8	7 8	15 0	15 0	13 0	29 3½	29 0	26 0	...	...	...
	Lalitpur	22 8	24 8	26 4	34 0	39 0	35 0	10 0	10 0	9 0	13 0	13 0	11 0	32 0	35 0	34 0	27 0	30 0	26 0
	Cawnpore	17 12	18 4	21 0	25 8	26 8	26 0	10 8	11 0	10 8	15 0	16 0	15 8	26 0	28 0	25 0	24 8	26 0	26 8
	Fatehpur	16 10	16 10	17 12	22 4	22 0	21 8	11 12	10 12	10 10	17 0	17 0	13 8	...	...	...	...	...	...
	Bánda	18 0	19 0	17 8	25 0	23 0	22 8	9 0	9 0	10 0	14 8	15 0	14 8	32 0	32 0	24 0	...	33 0	22 0
	Allahabad	17 2	18 0	17 12	25 0	25 8	23 12	11 8	13 0	11 0	17 8	18 0	16 0	30 0	30 8	25 8	28 4	29 0	24 8
	Hamírpur	16 0	18 0	16 10	22 10	21 4	20 5	13 12	11 0	11 8	..	...	15 0	25 0	26 0	20 4	...	...	21 15
	Jaunpur	19 1	19 12	21 14	28 4	31 12	29 10	8 7	8 7	7 12	16 14	14 2	15 8	...	...	...	22 9	22 9	19 12
	Gorakhpur	18 13	19 13	22 8	32 6½	36 0	46 12¾	14 6½	16 3	15 3	18 13	21 4	21 9½	...	...	...	...	...	43 3
	Basti	18 8	21 8	24 12	38 0	42 0	44 0	15 0	16 8	17 8	16 0	17 0	21 4	...	...	...	...	...	...
	Azamgarh	19 3	20 10	20 10	28 0	32 14	31 0	8 14	8 14	8 2	17 11	18 7	17 0	...	41 4	...	20 10	20 10	...
	Mirzapur	16 0	17 8	18 0	25 0	26 0	27 0	10 0	10 0	10 0	18 0	18 0	19 0	28 0	28 0	30 0	26 0	26 0	23 0
	Benares	16 13	16 13	17 14	24 15	26 13	26 9	12 7	12 3	13 9	18 15½	18 11½	20 0	28 11½	28 11½	29 4	27 10	27 10	30 5
	Gházipur	19 5	19 5	21 14	28 5	28 5	32 13	10 15½	10 15½	10 5	20 15¼	20 15¼	18 0	33 7½	36 1	38 10	25 12	27 0½	29 10
	Balia	17 0	17 8	22 8	28 12	28 12	40 0	10 0	10 0	10 0	17 8	15 0	22 8	...	...	...	...	...	...
	Pilibhít	18 12	20 13	22 4	28 10	30 0	33 12	14 12	15 0	15 8	16 12	17 8	17 8	...	...	...	...	...	...
Oudh.	Lucknow	16 9¾	17 15	20 8	23 6	27 2	28 0	6 0	6 0	6 0	14 5	14 10½	14 0	26 6½	27 3	27 0	23 10	24 12	23 0
	Unáo	19 0	18 0	20 0	26 0	24 0	24 0	11 0	10 0	7 0	16 0	15 0	13 0	...	...	28 0	...	...	23 0
	Bára Banki	18 0	18 4	21 0	25 0	26 0	30 0	10 0	10 0	8 0	17 0	18 0	14 0	28 0	32 0	32 0	20 0	26 0	18 0
	Sitapur	18 14	20 10	25 5	25 2	30 8	33 0	8 0	8 0	8 8	15 12	19 0	15 0	20 0	21 5½	...	19 0	20 5½	22 6
	Hardui	15 15	17 13	20 5	22 4	25 5	33 12	7 8	8 7	5 10	12 3	13 2	13 2	..	21 9	...	...	22 8	...
	Kheri	18 0	21 4	23 8	27 0	30 0	34 0	7 0	7 0	9 0	15 0	15 0	14 0	25 0	34 0	...	...	...	...
	Fyzabad	16 12	17 14	20 0	23 8	29 8	29 0	11 8	11 8	10 8	17 8	17 12	14 4	30 0	34 8	...	...	...	...
	Bharaich	17 0	18 0	24 0	38 0	37 0	38 0	9 0	9 0	9 0	18 0	18 0	17 0	33 0	33 0	45 0	13 0	14 0	18 0
	Gonda	19 4	21 0	23 8	36 12	37 0	38 0	16 0	16 8	18 0	18 0	18 12	19 0	38 0	40 0	39 8	24 8	25 0	24 0
	Rai Bareli	18 0	18 8	19 4	22 8	22 0	22 12	...	...	...	15 12	18 0	13 8	24 0	25 0	22 0	...	20 0	...
	Sultánpur	20 8	21 0	20 8	30 0	30 0	27 0	11 0	11 0	11 0	19 0	20 0	16 0	...	...	...	20 0	21 0	14 0
	Partábgarh	19 14	20 5	21 5	28 7	28 14	26 14	16 5	16 11	13 0	16 11	18 0	15 0	...	...	...	...	...	...
Punjab.	Delhi	18 0	17 8	19 8	23 8	23 12	27 8	...	...	...	15 0	15 0	13 0	24 0	24 0	20 8	19 0	19 0	19 0
	Gurgaon	19 0	19 0	20 8	24 0	21 0	26 8	...	...	...	13 0	13 0	13 0	22 0	23 0	24 0	20 0	22 0	22 0
	Karnál	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hissar [a]	18 0	19 0	16 0	29 0	30 0	22 0	...	...	...	10 0	10 0	10 0	28 0	34 0	23 0	26 0	28 0	21 0
	Rohtak	17 8	17 4	18 8	25 0	25 0	24 0	...	...	...	9 0	9 0	8 0	25 0	25 0	23 0	21 0	22 0	17 0
	Sirsa [b]	21 8	23 0	17 0	40 14	39 0	30 0	...	...	...	14 0	14 0	11 0	39 6	41 4	24 0	31 0	32 0	21 0
	Umballa	21 12	23 12	19 4	30 8	33 0	26 0	...	...	...	12 0	13 0	12 0	32 0	33 0	25 0	28 0	30 0	19 0
	Ludhiana	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Simla	...	17 8	13 8	...	...	...	...	...	...	12 0	12 0	11 0	...	...	...	...	...	...
	Jullundur [c]	25 8	24 8	19 0	40 0	43 0	28 0	...	...	...	8 0	8 0	8 0	32 0	37 0	27 0	24 0	23 0	16 0
	Hoshiárpur [d]	25 0	24 8	20 4	35 0	35 0	28 8	...	...	...	11 0	11 0	8 4	29 0	31 0	25 8	19 0	19 0	15 0
	Kangra	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Mandwa: Present 30 seers, past 35 seers, corresponding 23 seers and 8 chittacks.

[a] Price of jowar rising.

INDIA FOR THE 1st HALF OF JUNE 1882—*continued.*

IN SEERS OF 80 TOLAHS.

Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt.										
									Wholesale.			Retail.							
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.				Districts.	Provinces.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. per maund.	Rs. A.	Rs. A.	S. Ch.	S. Ch.	S. Ch.					
...	...	...	16 0	13 8	16 0	108 0	108 0	108 0	3 6	...	...	11 12	11 0	8 4				Sylhet	Assam.
...	...	...	12 13	12 13	16 13	80 0	80 0	64 0	3 7	...	...	9 2	10 10	8 10				Cachar	
...	...	...	13 5	16 0	16 0	120 0	120 0	120 0	3 8	...	...	10 2	10 2	8 0				Goálpárá	
...	...	...	8 0	8 0	6 8	160 0	160 0	160 0	5 6	...	...	6 6	6 6	5 5				Gáro Hills	
...	...	...	13 0	12 0	13 0	160 0	160 0	200 0	3 4	...	...	11 0	11 8	8 0				Kámrúp	
...	...	...	8 9	8 12	7 9	160 0	160 0	160 0	4 8	...	...	8 0	8 0	6 0				Darrang	
...	...	...	8 0	8 0	8 0	120 0	120 0	100 0	4 12	...	...	8 0	8 0	8 0				Nowgong	
...	...	...	10 0	10 0	8 0	80 0	80 0	120 0	4 8	...	...	8 8	8 8	6 8				Sibságar	
...	...	...	12 0	11 0	12 0	120 0	120 0	80 0	5 0	...	...	8 0	8 0	6 0				Lakhimpur	
...	...	...	10 0	10 0	...	...	...	...	5 0	...	...	8 0	7 4	5 5				Khási & Jaintiá Hills	
...	...	...	2 0	2 0	3 0	120 0	120 0	120 0	13 0	...	...	3 0	2 11	2 8				Nága Hills	
									S. Ch.	S. Ch.	S. Ch.								
...	...	...	20 8	22 8	18 0	160 0	160 0	160 0	11 8	11 8	10 8	10 8	10 8	9 8				Dehra Dún	N. W. Provinces.
...	...	...	24 1	25 3½	20 8	150 8	150 8	150 8	12 6	12 6	10 3	12 1	12 1	9 11				Saháranpur	
...	...	...	23 10	24 6	22 0	132 0	132 0	132 0	11 8	12 6	10 0	11 4	12 2	...				Muzaffarnagar	
...	...	...	21 12	22 8	21 8	110 0	110 0	110 0	12 0	11 8	10 0	11 8	11 0	9 8				Meerut	
...	...	...	21 0	21 0	22 8	120 0	120 0	140 0	11 8	11 0	10 0	..	...	...				Bulandshahr	
...	...	...	21 8	22 0	20 8	130 0	120 0	120 0	12 8	12 4	...	12 0	12 0	11 4				Aligarh	
...	...	...	12 0	13 0	12 8	200 0	200 0	160 0	7 0	7 0	7 0	6 0	6 0	6 0				Kumaun	
...	...	...	9 0	9 0	10 0	200 0	320 0	200 0	7 8	7 8	7 8	7 0	7 0	7 0				Garhwál	
...	...	...	19 10	20 4	21 15	135 0	135 0	135 0	...	...	...	11 4	11 4	9 2				Bijnor	
...	...	...	21 4	20 10	20 0	162 8	162 8	125 0	12 7	12 7	...	12 3	12 3	10 10				Moradabad	
...	...	...	19 8	19 3	24 9½	192 0	192 0	192 0	10 8	10 3	...	10 0	10 12½	...				Budaun	
...	...	...	20 0	20 0	20 0	125 0	125 0	137 8	11 14	11 14	...	11 4	11 4	9 11				Bareilly	
...	...	...	20 12	21 8	21 0	200 0	200 0	160 0	13 0	11 8	10 0	12 0	11 0	9 6				Sháhjáhánpur	
...	...	...	17 8	17 8	19 0	130 0	120 0	120 0	11 4	10 4	9 4	11 0	10 0	9 0				Tarái Pergunnahs	
...	...	...	21 8	21 0	20 8	120 0	140 0	160 0	12 5	12 0	...	12 0	11 0	10 0				Muttra	
...	...	...	21 4	21 0	20 8	100 0	100 0	100 0	12 8	13 0	11 0	12 0	12 8	10 8				Agra	
...	...	...	20 8	21 6	21 5	156 8	156 8	156 12	11 9	11 14½	...	10 14	10 14	9 11				Farukhabad	
...	...	...	20 0	20 0	19 0	160 0	160 0	160 0	10 0	10 8	...	10 8	11 0	9 0				Mainpuri	
...	...	...	22 0	23 0	21 0	120 0	120 0	120 0	10 8	10 8	10 8	10 0	10 0	9 8				Etáwah	
...	...	...	19 0	19 8	20 0	140 0	200 0	140 0	12 8	...	11 0	11 0	11 0	11 8				Etah	
...	...	...	27 0	29 0	34 0	140 0	140 0	120 0	12 0	12 0	...	11 0	11 0	10 0				Jalaun	
...	...	...	28 3½	29 5½	26 12	200 0	200 0	200 0	13 0	12 12	9 0	12 0	11 12	8 8				Jhánsi	
...	...	...	32 0	34 0	34 0	160 0	160 0	140 0	12 0	12 0	...	11 8	11 8	9 0				Lalitpur	
...	...	...	24 8	24 4	24 0	150 0	150 0	165 0	12 12	12 8	...	12 8	12 4	10 8				Cawnpore	
...	...	...	22 8	21 12	22 0	200 0	200 0	200 0	9 10	9 10	...	9 6	9 6	9 4				Fatehpur	
...	...	...	29 0	29 0	22 8	160 0	160 0	200 0	11 12	12 8	...	11 4	12 0	10 4				Bánda	
...	...	...	24 12	26 4	23 14	140 0	140 0	160 0	11 4	12 0	...	10 6	11 0	...				Allahabad	
...	...	...	26 0	25 0	19 11	140 0	140 0	140 0	10 0	11 0	...	9 12	10 10	9 0				Hamírpur	
...	...	...	25 6	25 6	26 2	169 8	169 8	141 4	9 11	9 11	...	9 9	9 9	8 15				Jaunpur	
...	...	...	29 10	33 3	37 14½	160 0	160 0	120 0	11 13	11 13	...	9 9½	9 9½	8 6½				Gorakhpur	
...	...	...	28 0	31 0	31 0	140 0	150 0	140 0	8 0	8 0	8 0	8 0	8 0	6 8				Basti	
...	...	...	24 6	25 1	28 0	147 8	147 8	167 8	9 3	9 3	7 14	8 8	8 0	8 2				Azamgarh	
...	...	...	24 0	25 0	22 0	100 0	100 0	90 0	10 0	10 0	9 0	8 0	8 0	8 0				Mirzapur	
...	...	...	24 1	24 6	25 8	120 0	120 0	120 0	11 4	11 4	...	9 12	9 9	9 4				Benares	
...	...	...	28 15½	29 10	29 10	103 0	129 0	154 8	10 5	10 7½	...	9 10½	9 13	9 1				Gházipur	
...	...	...	28 12	29 4	33 12	100 0	100 0	120 0	10 0	9 6	9 6	10 4	9 6	9 6				Balia	
...	...	...	18 8	18 10	20 8	150 0	150 0	150 0	12 12	12 0	12 0	11 12	11 4	10 0				Pilibhít	
...	...	...	20 9½	21 15	21 10	120 0	120 0	140 0	10 0	9 8	9 8	9 8	9 0	9 0				Lucknow	Oudh.
...	...	...	23 0	22 0	19 8	160 0	160 0	160 0	...	...	...	11 0	10 0	9 0				Unáo	
...	...	...	22 0	23 0	23 0	130 0	130 0	120 0	12 0	12 0	10 0	9 8	9 8	9 0				Bára Banki	
...	...	...	19 8	22 3½	23 5	160 0	160 0	160 0	11 0	11 8	...	10 8	10 8	9 0				Sitapur	
...	...	...	17 13	18 12	23 7	240 0	240 0	240 0	9 6	8 7	8 7	7 8	7 8	8 8				Hardui	
...	...	...	18 8	19 8	24 0	200 0	200 0	200 0	10 8	9 0	10 8	10 0	9 0	10 0				Kheri	
...	...	...	23 0	24 12	24 8	120 0	120 0	140 0	12 0	10 0	8 8	10 0	9 0	9 0				Fyzabad	
...	...	...	27 0	27 0	26 0	200 0	160 0	160 0	...	...	...	9 0	9 0	8 4				Bharaich	
...	...	...	25 12	30 8	26 8	240 0	240 0	200 0	11 0	11 8	...	10 12	11 4	...				Gonda	
...	...	...	19 4	19 0	18 0	160 0	160 0	160 0	...	...	...	9 0	9 0	8 4				Rai Bareli	
...	...	...	27 8	29 0	23 0	160 0	160 0	160 0	12 0	11 8	9 12	11 12	11 4	9 8				Sultánpur	
...	...	...	24 3	25 6	20 11	200 0	200 0	200 0	11 0	11 0	10 0	10 10	10 0	8 9				Partábgarh	
...	...	...	22 0	21 12	20 4	90 0	85 0	90 0	12 8	12 12	...	12 0	12 4	11 8				Delhi	Punjab.
...	...	...	22 0	20 8	22 0	140 0	140 0	120 0	12 0	12 0	...	12 0	12 0	10 0				Gurgáon	
...	...	...	...	...	...	...	...	...	...	...	...	No return received						Karnál	
...	...	...	26 8	28 0	24 0	80 0	80 0	100 0	11 8	11 0	...	11 0	11 0	10 0				Hissar	
...	...	...	24 8	23 0	23 8	100 0	100 0	100 0	11 6	10 2	...	11 4	10 1	10 8				Rohtak	
...	...	...	37 6	34 0	26 8	120 0	120 0	120 0	11 12	12 8	...	11 8	12 0	9 0				Sirsa	
...	...	...	26 4	28 0	22 4	130 0	130 0	160 0	13 8	13 12	...	13 4	13 8	11 4				Umballa	
...	...	...	...	...	...	...	...	...	...	...	...	No return received						Ludhiána	
...	...	...	...	18 12	14 0	80 0	80 0	80 0	10 8	10 12	...	9 13	10 1	9 0				Simla	
...	...	...	28 8	30 8	21 8	100 0	105 0	100 0	14 8	14 8	...	14 0	14 0	11 8				Jullundur	
...	...	...	27 0	29 0	21 4	120 0	100 0	120 0	14 0	14 0	...	13 8	13 8	11 8				Hoshiarpur	
...	...	...	...	...	...	...	...	...	...	...	...	No return received						Kangra	

[b] Price of gram fallen. [c] Price of jowar fallen. (d) Price of firewood fallen.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPEE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bajrah Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bajrah Millet. Past fortnight.	Bajrah Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Punjab—*continued.*	Amritsar	25 8	25 0	21 0	39 0	39 0	27 8	...	...	...	12 8	12 8	11 8	28 4	29 4	20 8	24 8	24 8	17 8
	Siálkot	25 12	24 8	19 8	37 8	37 0	29 0	...	...	...	16 0	16 0	13 0	26 0	25 0	15 8	24 0	24 0	12 0
	Gurdáspur	No re	turn re	ceived	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lahore	23 0	22 0	19 0	33 0	33 0	27 0	...	...	...	10 0	10 0	9 0	28 0	30 0	19 0	22 0	22 0	16 0
	Ferozepore [a]	23 0	21 8	18 0	35 0	34 0	28 0	...	...	...	11 0	11 0	12 0	36 0	38 0	...	36 0	36 0	...
	Gujránwála	23 8	23 0	19 0	38 0	38 0	32 0	...	...	...	12 0	12 0	12 0	30 0	30 0	20 0	20 0	20 0	16 0
	Ráwalpindi [b]	20 0	19 0	11 12	29 0	34 0	21 0	...	...	...	7 12	8 0	6 8	21 0	28 0	17 0	24 0	21 0	15 0
	Jhelum	No re	turn re	ceived	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gujrát	26 8	26 8	19 0	38 8	39 8	28 8	...	...	...	12 0	12 0	8 0	21 0	21 0	18 0	28 0	28 0	16 0
	Shahpúr	20 0	20 0	16 0	31 8	31 0	23 8	...	...	...	13 0	12 0	10 0	20 0	21 0	14 0	20 0	20 0	14 0
	Mooltan	17 8	17 8	14 0	23 0	25 0	20 8	...	...	...	10 0	10 0	8 0	24 0	24 0	14 0	24 0	24 0	13 0
	Jhang	18 0	19 8	15 8	28 0	29 8	21 0	...	...	...	11 0	10 0	9 0	14 0	14 0	18 0	16 0	16 0	16 0
	Montgomery [c]	19 0	21 0	16 0	24 0	30 0	20 0	...	...	...	5 8	5 8	5 0	...	32 0	...	...	...	...
	Muzaffargarh [d]	21 0	20 0	15 8	28 0	28 0	23 0	...	...	...	5 0	5 0	5 0	19 0	20 0	13 0	20 0	20 0	13 0
	Dera Ismail Khan	18 1	18 12	16 10	27 3	30 1	26 4	...	...	...	8 12	8 12	7 8	27 8	30 0	15 0	24 2	25 0	15 10
	Dera Ghází Khán	18 2	18 12	16 4	26 4	26 4	21 4	...	...	...	7 8	7 8	7 8	22 8	22 8	20 0	25 0	25 0	13 12
	Bannu	No re	turn re	ceived	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pesháwar	18 0	17 2	10 7	35 12	34 8	20 6	...	...	...	9 8	9 8	6 5	26 8	27 8	15 12	13 6	13 6	9 13
	Kohát	No re	turn re	ceived	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Házára	...	...	9 8	34 0	34 0	24 0	...	...	...	13 0	14 0	9 8	...	...	...	...	...	...
Central Provinces.	Nágpur	17 4	16 0	20 0	...	...	...	8 8	8 12	9 12	14 12	16 0	15 12	24 12	25 12	30 0	...	...	...
	Bhandára	20 8	20 0	23 12	...	...	...	10 4	11 4	9 8	16 8	21 4	17 8	24 8	24 12	26 0	...	...	...
	Chánda	17 8	17 8	23 0	...	...	...	...	...	...	12 0	12 0	14 8	21 8	25 0	31 0	...	...	...
	Wardha	No ret	urn rec	eived	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bálaghát	17 0	20 0	25 0	...	...	...	15 0	16 4	15 0	22 0	26 0	25 0	...	...	...	...	...	...
	Jubbulpore	17 0	17 8	22 0	22 0	25 0	25 0	10 0	11 0	16 0	19 0	18 0	...	29 0	34 0	17 0	18 8	24 0	...
	Saúgor	19 0	21 0	34 0	...	...	...	8 0	8 0	8 0	9 0	10 0	9 0	...	...	...	...	...	...
	Damoh	21 12	26 8	42 0	...	...	...	13 8	12 12	12 12	14 8	13 12	13 12	...	...	...	...	...	...
	Seoni	18 0	22 0	26 0	...	...	...	12 8	13 0	13 0	16 0	19 8	18 0	...	...	...	...	...	...
	Mandla	20 0	25 0	31 0	...	...	...	15 8	15 0	17 0	19 0	18 0	22 0	...	...	...	...	...	...
	Betúl	16 0	18 8	25 0	...	...	...	10 0	10 0	12 0	10 8	11 0	13 0	20 0	21 0	40 0	...	...	...
	Chhindwára	20 0	22 0	22 0	...	...	...	9 0	9 0	10 0	14 0	14 0	14 0	23 0	28 0	30 0	...	...	...
	Hoshangabad	14 6	14 10	18 12	...	...	...	4 0	4 0	4 6	11 4	11 4	9 8	24 0	21 0	33 0	22 0	22 0	28 8
	Narsinghpur	15 0	15 12	23 8	...	...	...	10 0	10 0	11 0	13 8	13 8	12 0	...	...	50 0	...	...	45 0
	Nimár	14 0	16 4	20 0	...	...	...	...	...	...	11 8	12 4	10 14	22 8	24 4	40 0	22 13	24 0	33 10
	Raipur	30 0	28 0	40 0	...	...	...	19 0	20 0	19 0	34 0	34 0	32 0	...	...	...	...	...	...
	Sambalpur	28 0	27 0	24 0	...	...	...	30 0	34 4	30 0	52 0	47 0	35 0	...	...	...	...	...	...
	Biláspur	54 0	54 0	67 8	...	...	...	61 0	36 0	30 0	90 0	67 0	48 0	...	...	...	...	...	...
British Burma.	*Arakan Division.*																		
	Akyab																		
	Northern Arakan																		
	Kyoukpyoo																		
	Sandoway																		
	Pegu Division.																		
	Rangoon town and Hanthawaddy																		
	Tharrawaddy																		
	Prome																		
	Irrawaddy Division.																		
	Henzada																		
	Bassein	No	return	received		...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Thonegwa																		
	Thayetmyo																		
	Tenasserim Division.																		
	Moulmein town and Amherst																		
	Tavoy																		
	Mergui																		
	Toungoo																		
	Shwaygyin																		
	Salween																		
Hyderabad Assigned Districts.	Secunderabad	15 2	16 12	15 5	...	...	...	6 13	6 13	...	9 13	9 13	9 9	23 0	23 14	22 3	...	27 0	...
	Bolarum	17 8	18 12	17 11	...	...	...	7 1	7 6	7 11	8 12	8 12	9 9	26 11	27 0	25 11	...	...	...
	Chudderghat	13 8	15 0	9 0	...	...	...	6 12	7 0	6 0	8 8	8 12	8 8	24 0	26 0	21 0	33 0	33 0	30 0
	Amráoti	16 0	15 0	21 0	10 8	11 0	10 0	8 0	8 0	7 8	10 0	10 0	9 0	27 0	26 0	36 0	24 0	24 0	26 0
	Akola	16 0	15 0	22 0	...	...	...	10 0	8 0	8 0	12 0	10 0	10 0	30 0	30 0	40 0	23 0	24 0	24 0
	Ellichpur	14 0	14 0	21 0	12 0	12 0	12 0	6 0	6 0	8 0	8 0	8 0	9 0	22 0	21 0	27 0	20 0	21 0	26 0
	Buldána	20 0	20 0	26 0	...	...	...	...	...	...	11 0	11 0	11 0	32 0	32 0	32 0	30 0	30 0	38 0
	Wún	14 0	15 0	16 0	...	...	...	7 0	7 0	7 8	10 8	10 8	11 0	30 0	30 0	35 0	...	...	...
	Básim	21 0	20 0	25 12	...	...	...	5 4	5 0	5 4	13 0	12 0	13 4	30 0	32 0	26 0	...	...	...

[a] Price of firewood fallen. [b] Price of barley risen. [c] Price of barley risen.

DIA FOR THE 1st HALF OF JUNE 1882—*continued.*

SEERS OF 80 TOLAHS.

ser Millets, Ragi, &c. (Kavaru, Veragu, awee, Cheena, Coraloo, urhwa, Nurlee), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt.										
									Wholesale.			Retail.							
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.					
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.					
...	...	...	32 12	31 4	22 0	80 0	90 0	90 0	15 4	15 4	...	14 14	14 12	12 6	Amritsar				
...	...	...	27 0	26 0	18 0	130 0	140 0	140 0	15 0	15 4	...	15 0	15 0	12 0	Siálkot				
...	...	...	...	...	...	...	...	...	...	...	No	return	receiv	ed ...	Gurdáspur				
...	...	...	29 0	28 0	20 0	80 0	80 0	100 0	15 0	15 0	...	14 0	14 0	11 0	Lahore				
...	...	...	31 0	29 0	24 0	90 0	70 0	70 0	13 4	13 0	...	13 0	13 0	11 8	Ferozepore				
...	...	...	28 0	27 8	18 12	95 0	95 0	95 0	15 4	15 4	...	15 0	15 0	12 0	Gujránwála				
...	...	...	22 4	22 0	14 8	100 0	80 0	40 0	15 0	14 8	...	14 12	14 0	11 12	Ráwalpindi				
...	...	...	...	...	...	...	...	...	...	...	No	return	receiv	ed ...	Jhelum				
...	...	...	25 8	26 0	17 4	100 0	100 0	80 0	*	...*	...	15 0	15 0	12 8	Gujrát				
...	...	...	24 8	24 0	19 0	320 0	320 0	320 0	17 0	17 0	...	16 0	16 0	14 0	Shahpúr				
...	...	...	22 8	23 0	17 0	90 0	90 0	80 0	13 12	14 0	...	13 8	13 8	12 0	Mooltan				
...	...	...	23 12	24 0	18 0	200 0	200 0	200 0	14 8	14 5	...	14 0	14 0	12 8	Jhang				
...	...	...	24 0	27 0	17 0	200 0	200 0	200 0	11 8	12 0	...	10 8	11 0	10 8	Montgomery				
...	...	...	20 8	21 8	15 8	80 0	100 0	100 0	...*	...*	...	13 8	13 8	12 0	Muzaffargarh				
...	...	...	24 6	26 6	25 10	100 0	100 0	100 0	55 0	55 0	...	53 0	53 0	50 0	Dera Ismail Khán				
...	...	...	22 8	25 0	20 0	100 0	100 0	125 0	27 8	27 8	...	25 0	25 0	28 12	Dera Gházi Khán				
...	...	...	...	...	...	...	...	...	...	...	No	return	receiv	ed ...	Bannu				
...	...	...	18 4	19 0	11 10	91 0	91 0	66 0	55 4	55 4	...	53 0	53 0	39 0	Pesháwar				
...	...	...	...	...	...	...	...	...	...	...	No	return	receiv	ed ...	Kohát				
...	...	...	18 12	19 0	12 8	140 0	140 0	100 0	...	...	...	12 0	12 0	10 0	Házára				
...	...	...	22 4	24 12	25 0	130 0	130 0	120 0	11 8	11 8	10 8	11 4	11 4	10 4	Nágpur				
...	...	...	24 12	24 12	28 0	...	...	...	11 0	11 0	10 0	10 12	10 12	9 8	Bhandára				
...	...	...	28 0	28 0	24 0	360 0	360 0	360 0	...	...	...	10 8	10 8	10 0	Chánda				
...	...	...	...	...	...	...	...	...	...	...	No	retu n	receiv	ed ...	Wardha				
...	...	...	28 0	32 0	38 0	275 0	275 0	275 0	10 0	12 0	...	10 0	10 0	9 0	Bálaghát				
...	...	...	28 8	29 0	33 0	120 0	120 0	130 0	11 8	10 12	...	11 0	10 10	9 0	Jubbulpore				
...	...	...	25 0	26 0	39 0	160 0	160 0	140 0	8 8	9 0	...	8 4	8 12	7 8	Saugor				
...	...	...	34 0	41 0	50 0	200 0	200 0	200 0	9 8	9 8	7 0	9 4	9 4	6 12	Damoh				
...	...	...	23 8	27 0	37 0	220 0	220 0	200 0	10 0	10 0	6 0	9 8	9 8	5 8	Seoni				
0 35 0	31 0	32 0	55 0	60 0	256 0	256 0	256 0	...	...	...	9 0	8 0	6 0	Mandla					
8 18 8	25 8	19 0	20 0	32 0	240 0	240 0	240 0	9 8	9 8	9 8	9 0	9 0	9 0	Betúl					
0 20 0	20 0	24 0	27 0	30 0	200 0	200 0	200 0	10 0	9 0	9 0	9 0	8 0	8 0	Chhindwára					
...	...	21 6	20 4	32 0	160 0	160 0	120 0	8 7	9 7	...	8 2	8 14	5 4	Hoshangabad					
...	...	24 0	26 0	41 0	160 0	160 0	160 0	10 4	9 10	6 12	9 12	9 2	6 8	Narsinghpur					
...	...	20 0	21 1	26 6	160 0	160 0	160 0	13 8	13 8	9 8	13 0	13 0	9 0	Nimár					
...	...	32 0	32 0	36 8	60 0	60 0	60 0	9 0	8 8	8 12	8 8	8 8	8 8	Raipur					
...	...	32 0	26 0	28 0	120 0	120 0	220 0	9 0	9 8	8 0	8 8	9 0	7 8	Sambalpur					
0 125 0	170 0	48 0	63 0	56 0	120 0	140 0	140 0	...	...	...	7 0	8 0	7 8	Biláspur					
														Arakan Division.					
														Akyab					
														Northern Arakan					
														Kyoukpyoo					
														Sandoway					
														Pegu Division.					
														Rangoon town and Hanthawaddy					
														Tharrawaddy					
														Prome					
														Irrawaddy Division.					
...	...	...	...	...	...	...	...	...	...	...	No	return	receiv	ed					
														Henzada					
														Bassein					
														Thonegwa					
														Thayetmyo					
														Tenasserim Division.					
														Moulmein town and Amherst					
														Tavoy					
														Mergui					
														Toungoo					
														Shwaygyin					
														Salween					
27 0	...	17 4	18 13	22 3	130 0	130 0	125 0	10 11	11 0	9 9	10 3	10 7	9 2	Secunderabad					
...	...	20 4	20 7	23 12	116 14	116 14	116 14	...	...	...	10 12	10 9	9 8	Bolarum					
...	...	17 8	19 0	24 0	80 0	80 0	80 0	...	...	...	9 4	9 8	8 12	Chudderghat					
...	...	20 0	21 0	22 0	70 0	70 0	75 0	12 8	12 8	11 8	12 0	12 0	11 0	Amráoti					
7 0	7 8	21 0	21 0	26 0	64 0	64 0	64 0	11 0	11 0	9 0	10 0	10 0	9 0	Akola					
...	...	16 0	16 0	28 0	64 0	64 0	64 0	...	...	...	9 0	9 0	9 0	Ellichpur					
...	...	28 0	28 0	35 0	...	...	...	...	...	...	11 0	12 0	10 0	Buldána					
...	...	22 0	26 0	23 0	100 0	100 0	100 0	...	...	...	8 0	8 0	8 0	Wún					
...	...	26 0	26 0	27 4	64 0	64 0	64 0	10 0	11 0	8 8	9 8	10 0	8 0	Básim					

PROVINCES.

PUNJAB—*continued.*

CENTRAL PROVINCES.

BRITISH BURMA.

HYDERABAD ASSIGNED DISTRICTS.

[d] Price of firewood risen.

* Salt not sold wholesale.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPEE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra) *Penicillaria Spic*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch	S. Ch.	S.
Mysore	Bangalore	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Kolar																		
	Túmkúr																		
	Mysore																		
	Hassan																		
	Shimoga																		
	Kadur																		
	Chitaldroog																		
Coorg	Coorg	8 9	8 11	8 12	9 2	9 5	9 7	10 10	11 8	12 4	13 13	13 8	18 9	...	...	...	...	...	
Rajpootana	Jeypore	16 4	16 8	15 4	21 0	21 0	21 4	6 0	6 0	6 4	9 0	9 0	8 8	20 0	20 0	23 0	19 0	19 0	2
	Kishengurh	15 12	16 12	17 8	22 8	22 12	27 0	9 0	9 0	8 8	10 8	10 0	9 0	23 8	22 0	26 8	20 0	20 8	2
	Kerrowlee	17 0	17 0	*	20 0	20 0	*	13 8	13 8	*	15 0	15 0	*	20 0	20 0	*	17 8	17 8	
	Ulwur	17 6	17 0	17 14	21 11	21 14	22 10	8 0	8 0	8 0	11 11	12 0	10 10	21 13	22 2	22 14	16 8	19 5	1
	Bhurtpore (City)	17 8	18 8	17 4	22 8	24 0	23 0	6 8	6 8	6 4	11 0	11 0	7 8	23 8	23 8	25 4	19 8	19 8	1
	Ajmere	15 8	14 8	15 8	21 8	20 0	23 0	5 0	5 0	5 0	8 0	8 0	8 0	18 0	18 0	20 0	16 0	18 0	1
	Deoli Cantonment	6 4½	17 14	18 8	20 4	22 13	24 14	...	...	...	10 8	10 8	10 8	21 7	22 0	28 0	17 0	17 0	2
	Erinpura	17 3	17 3	17 12	29 14	29 14	26 8	...	...	...	8 0	8 0	7 0	25 0	25 0	23 0	22 0	22 0	2
	Sirohee	17 0	17 12	17 0	28 0	30 0	29 0	7 0	7 0	6 0	8 8	8 8	7 0	18 0	18 0	18 0	21 0	21 0	2
	Abu	15 2	15 8	14 12	22 12	22 4	25 0	6 8	6 8	5 8	8 0	8 0	7 14	...	...	...	18 4	17 12	
	Anadra	17 4	17 4	16 10	26 8	36 8	31 0	7 0	7 0	6 0	9 0	9 0	8 8	...	...	...	21 4	20 0	
	Hilly Tracts of Meywar	19 0	21 8	24 0	26 0	28 0	38 0	...	...	...	19 0	19 0	14 0	...	...	...	...	...	
	Meywar (Oodeypore)	13 13¾	14 13½	16 6½	17 15½	19 8½	22 4¼	10 2½	10 15	9 6	...	...	...	...	...	...	...	...	
	Bánswára (Meywar Agency)	21 4	25 0	28 12	...	...	...	10 0	7 8	7 8	17 8	17 8	17 8	...	...	...	...	...	
	Partábgarh (")	15 2	16 9	21 4	...	...	...	10 15	10 15	7 8	13 5	13 7	13 12	...	...	...	...	...	
	Marwar (Jodhpore)	15 10	15 15	15 0	21 4	22 8	18 12	6 4	6 4	5 0	7 8	7 8	6 4	21 4	22 8	20 0	18 12	18 12	
	Bikaneer	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Boondee	17 0	16 0	23 0	25 0	25 0	35 0	9 0	9 0	7 8	9 8	10 0	9 8	26 0	23 0	35 0	...	...	
	Kotah	17 4	17 8	25 12	22 0	22 0	32 0	8 12	8 12	7 12	11 0	10 8	9 8	21 0	23 8	40 8	16 0	15 0	
	Tonk	14 2	14 8	17 15	20 5	20 11	24 2	7 0	7 0	7 5	10 0	10 0	9 5	21 5	21 8	26 8	18 10	19 8	
	Jhallawar	15 4	15 4	22 9	15 1	15 15	27 14	...	...	...	8 14	8 14	7 12	16 4	16 4	30 1½	13 6	13 6	
	Shahpoora	17 12	18 3	18 0	21 2	25 4	24 8	10 8	10 4	9 4	14 0	15 2	13 8	19 12	20 1	26 4	18 0	18 0	
	Dholpur	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Central India	Indore	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Gwalior																		
	Goona																		
	Baghelkhand (Sutna)																		

* Not received.

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch.*)

INDIA FOR THE 1st HALF OF JUNE 1882—*concluded.*

IN SEERS OF 80 TOLAHS.

Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.			Districts.	Provinces.
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
...	...	...	...	...	...	...	...	...	...	...	No	return	receiv	ed	Bangalore Kolar Túmkúr Mysore Hassan Shimoga Kadur Chitaldroog	Mysore.
19 13	20 6	36 1	21 14	21 11	34 13	110 0	110 0	110 0	10 8	10 8	...	9 8	9 4	8 11	Coorg	Coorg
...	...	...	18 8	18 0	17 8	...	...	...	14 0	14 0	...	13 8	13 8	11 0	Jeypore	Rajpootana.
...	...	...	21 12	23 0	26 8	...	...	...	...	...	...	16 12	16 12	12 8	Kishengurh	
...	...	...	19 0	19 0	*	...	...	...	13 10	13 7	*	13 8	12 8	*	Kerrowlee	
...	...	...	20 13	20 9	18 6	...	...	...	15 13	15 13	...	15 6	15 6	12 8	Ulwur	
...	...	...	20 8	22 0	18 4	...	...	...	14 8	14 8	...	14 0	13 8	12 4	Bhurtpore (City)	
...	...	...	21 8	20 0	21 8	70 0	70 0	60 0	...	...	...	15 0	15 0	12 0	Ajmere	
...	...	...	20 6	22 0	22 8	...	...	...	...	...	...	13 10	13 12	11 0	Deoli Cantonment	
									Rs. A. P.	Rs. A. P. per md.	Rs. A. P					
...	...	...	23 2	23 2	22 0	170 0	170 0	160 0	3 1 2	3 1 2	...	12 0	12 0	11 0	Erinpura	
...	...	...	21 8	23 0	19 0	160 0	160 0	120 0	3 5 0	...	...	11 7	11 7	11 7	Sirohee	
...	...	...	18 4	18 0	16 6	160 0	160 0	160 0	3 8 0	3 8 0	...	10 8	10 8	10 8	Abu	
...	...	...	21 0	20 12	18 14	...	...	...	3 8 0	3 12 0	...	11 8	11 8	11 8	Anadra	
...	...	...	24 0	24 0	30 0	†	†	†	...	...	...	10 0	10 0	8 8	Hilly Tracts of Meywar	
									S. Ch	S. Ch.	S. Ch.					
...	...	...	16 12¼	17 3	22 10½	200 0	200 0	200 0	9 12¼	9 9	...	9 6	9 6	7 13	Meywar (Oodeypore)	
...	...	...	31 4	35 0	60 0	...	...	...	...	...	...	11 4	11 14	9 1	Bánswára (Meywar Agency)	
...	...	...	19 1	19 6	30 0	...	...	...	...	...	...	10 0	10 0	8 12	Partábgarh („	
									Rs. A. P.	Rs. A. P. per md.	Rs. A. P.					
...	...	...	20 0	20 0	15 0	...	...	...	2 9 0	2 9 0	...	15 0	15 10	13 12	Marwar (Jodhpore)	
									S. Ch.	S. Ch.	S. Ch.					
...	...	...	...	...	...	...	...	...	...	...	...	No ret	urn re	ceived	Bikaneer	
...	...	...	25 12	25 0	30 0	140 0	140 0	160 0	12 0	13 8	9 0	11 12	13 4	...	Boondee	
...	...	...	24 12	26 4	32 8	240 0	240 0	240 0	12 0	12 0	...	11 8	11 8	9 4	Kotah	
...	...	...	19 10	20 0	21 8	160 0	160 0	140 0	13 4	13 8	10 8	13 0	13 4	...	Tonk	
...	...	...	18 9½	18 9½	29 3	...	...	...	9 15	9 15	...	9 11½	9 11½	7 8½	Jhallawar	
...	...	...	19 8	19 12	21 4	160 0	160 0	160 0	13 8	13 12	10 14	13 4	13 8	...	Shahpoora	
...	...	...	...	...	...	...	...	...	...	...	...	No re	turn re	ceived	Dholpur	
...	...	...	...	...	...	...	...	...	...	...	No	return	receiv	ed	Indore Gwalior Goona Baghelkhand (Sutna)	Central.

† Eight pies per bundle.

D. M. BARBOUR,

Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XXIII OF 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 11th June 1881.		Total mean length open.	Receipts for week ending 10th June 1882.		Total Receipts from 1st April to 11th June 1881.		Total Receipts from 1st April to 10th June 1882.		Total Increase in 1882-83.	Total Decrease in 1882-83.
			Total.	Per mile open.		Total.	Per mile open.	Total.	Per mile open per week.	Total.	Per mile open per week.		
	Guaranteed.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
17th June 1882	Eastern Bengal ...	176	74,039	42[illegible]	172	65,237	379	6,38,679	353	7,11,261	407	72,582	...
10th ditto ...	Oudh and Rohilkhand	547	86,957	159	547	1,04,596	191	10,65,713	190	11,91,573	215	1,25,860	...
10th ditto ...	Sind, Punjab & Delhi	676	1,21,880	180	676	1,94,096	287	19,37,199	279	20,27,078	296	89,879	...
10th ditto ...	Madras ...	858	1,14,351	133	858	1,31,398	153	11,99,053	136	13,96,884	160	1,97,831	...
10th ditto ...	South Indian ...	655	73,668	112	655	78,652	120	7,66,581	114	7,94,289	120	27,708	...
17th ditto ...	Great Indian Peninsula	1,448	6,25,253	432	1,458	5,90,005	405	77,94,718	524	93,16,235	633	15,21,517	...
10th ditto ...	Bombay, Baroda and Central India ...	444	2,46,264	554	461	1,36,905	297	28,51,005	624	27,58,364	590	...	92,641
	TOTAL ...	4,804	13,42,412	279	4,827	13,00,889	269	1,62,52,948	329	1,81,95,684	372	19,42,736	...
	State.												
17th June 1882	East Indian ...	1,504	7,82,294	520	1,507	9,16,758	658	87,76,178	566	91,39,860	598	3,63,682	...
10th ditto ...	Calcutta and South-Eastern ...	28	2,099	75	28	2,545	91	27,410	95	31,268	110	3,858	...
17th ditto ...	Nalhati ...	27	1,902	70	27	1,294	48	13,214	48	14,329	52	1,115	...
17th ditto ...	Northern Bengal ...	231	30,676	133	233	35,050	150	3,00,329	127	3,57,232	151	56,903	...
17th ditto ...	Tirhoot ...	82	14,396	176	85	11,993	141	1,32,160	157	1,39,397	162	7,237	...
17th ditto ...	Patna-Gya ...	57	8,360	147	57	7,692	135	96,181	164	1,01,183	175	5,002	...
10th ditto ...	Muttra-Hathras ...	29	2,548	88	29	1,729	60	26,124	87	25,371	86	...	753
17th ditto ...	Cawnpore-Farukhabad	86	5,388	63	86	6,025	70	54,128	61	66,749	76	12,621	...
10th ditto ...	Dildarnagar-Ghazipur	12	1,004	84	12	1,022	85	10,883	88	12,059	99	1,176	...
17th ditto ...	Rajputana-Malwa ...	1,016	1,93,341	190	1,117	1,97,510	177	19,17,834	183	22,67,627	200	3,49,793	...
17th ditto ...	Wardha Coal ...	45	8,098	180	45	12,268	273	87,965	190	1,36,278	298	48,312	...
17th ditto ...	Nagpur & Chhattisgarh	53	5,916	112	98	11,164	114	79,118	113	1,89,098	190	1,09,980	...
17th ditto ...	Rangoon and Irrawaddy Valley ...	161	25,865	161	161	22,119	137	3,66,010	221	3,62,470	222	...	3,540
17th ditto ...	Sindia ...	78	4,646	60	75	5,269	70	60,675	81	65,289	86	4,614	...
10th ditto ...	Punjab Northern ...	363	55,196	152	412	48,486	118	6,72,996	180	5,99,316	150	...	73,680
10th ditto ...	Indus Valley and Kandahar ...	660	68,057	103	660	1,08,416	164	10,99,350	162	8,98,379	134	...	2,00,971
17th ditto ...	Muttra-Achneyra ...	...	...	...	23	897	39	...	...	11,747	50	11,747	...
	TOTAL ...	2,928	4,27,492	146	3,148	4,73,479	150	49,44,377	164	52,77,792	167	3,33,415	...
	Native States.												
10th June 1882	Bhavnagar-Gondal ...	192	26,438	138	194	21,083	109	2,39,528	121	2,80,366	142	40,838	...
10th ditto ...	Nizam's ...	121	19,143	158	121	14,912	123	1,71,315	138	1,70,419	139	...	896
20th May 1882	Mysore ...	58	2,363	41	...	(a)...	...	(b)16,596	39	(c)35,426	57	18,830	...
	TOTAL ...	371	47,944	129	315	35,995	114	4,27,439	112	4,86,211	120	58,772	...
	GRAND TOTAL ...	9,607	26,00,142	271	9,797	27,27,121	278	3,04,00,942	306	3,30,99,547	331	26,98,605	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	1,56,88,443	158	1,58,87,783	159	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	1,47,12,499	148	1,72,11,764	172	24,99,265	...

(a) Return not received. (b) Total receipts from 1st April to 21st May 1881. (c) Total receipts from 1st April to 20th May 1882.

F. FIREBRACE, *Major, R.E.,*
Under Secretary.

SIMLA,
The 1st July 1882.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 4th JULY 1882.

GENERAL REMARKS.—The week under report has been characterised by more or less good rain throughout the whole country, the notable exceptions being Sind and parts of the Punjab.

In the Madras Presidency and Coorg, and parts of the Mysore State and of the Bombay Presidency rain, has been more abundant than in the preceding week. The Nizam's Territories and Berar and the greater part of Rajputana have also at last enjoyed good rain. In the Central Provinces, Central India, Bengal, Assam, and the North-Western Provinces and Oudh the monsoon continues to gather strength.

Prospects are generally good throughout the country. Standing crops and seedlings are doing well in most parts, and *kharif* operations are, as a rule, actively progressing throughout the country. The rainfall during the past week has been of much benefit. Rain is, however, still urgently needed in parts of the Punjab and Sind, and more would be beneficial in certain tracts, among which Agra, Orissa, parts of three districts of the Bombay Presidency, part of Mysore, and one district of Madras are the most noteworthy.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(July 5th)		
Bellary ...	1·11 (average of six stations).	Standing wet crops good; harvest paddy, outturn below average; fever in parts.
Kurnool ...	1·08 (average of nine stations).	Season much improved by recent rain in six taluks, more rain wanted in two taluks; cattle-disease in parts.
Ganjam ...	1·31 (average of fifteen stations).	Standing wet and dry crops require rain; fever, small-pox, and cholera prevalent; cattle-disease exists.
Kistna ...	1·54 (average of thirteen stations).	Small-pox and slight cattle-disease prevalent.
Chingleput (Madras) ...	·84 (average of nine stations).	Water-supply running short; standing crops good where water available; agricultural operations progressing; harvest wet and dry grains, yield below average.
Coimbatore ...	·38 (average of seven stations).	Standing crops generally good, though slightly attacked by insects in parts; harvest *cholum*, outturn average; small-pox and fever in parts.
Tanjore ...	1·52 (average of nine stations).	Standing crops generally good; cattle-disease slight in parts.
Madura ...	·66 (average of six stations).	Standing crops fair; harvest *cholum*; fever and cholera in parts.
Malabar ...	2·20 (average of fourteen stations).	Sowing of first crops progressing; small-pox, fever, cholera, and cattle-disease in parts.
Travancore ...	1·38	Ploughing and sowing over; fever slightly prevalent. *General Remarks.*—General prospects good.
Bombay—(July 5th)		
Kurrachee ...	Passing showers of rain at Kurrachee on 3rd.	River at Kotri on 3rd, 15 feet 5 inches against 14½ feet on same date last year; fever in seven talukas; damage by turtles and crabs continues in Garho and Kutha tapas; rice transplanting still going on; wheat, red rice, and *bajri* in Kurrachee 24, 38 and 34, in Sehwan 28, 46 and 48, in Tatta 24, 46 and 40, and in Mirpur Botoro 20, 54 and 48 lbs. per rupee, respectively.
Hyderabad ...	.....	River falling somewhat; *kharif* operations continue; fever in two talukas; weather cooler; wheat 25, *juari* 44, *bajri* 40, red rice 32, and white rice 22 lbs. per rupee.
Ahmedabad ...	No rain	Ploughing and sowing progressing; cholera—in Ahmedabad city 38 cases, 21 deaths, in Dhakroli 8 cases, 8 deaths, in Viramgaum 114 cases, 74 deaths, and in Sanand 11 cases; wheat 26 and *bajri* 29 lbs. per rupee.
Baroda ...	1·31	Total rainfall 8·43; want of rain felt in Amreli and Kari Divisions; cholera continues in Kari Division; *bajri* 29 and common rice 23 lbs. per rupee.
Surat ...	2·98	Total rainfall 12·89; sowing mostly completed; *juari* 35 and *nagli* 50 lbs. per rupee.
Násik ...	Peint, 4·41; Igatpuri, 2·53; Malegaon, 2·04; Nandgaon, 1·72; few showers elsewhere.	More rain urgently wanted; early crops doing well; *bajri* sowing commencing; locusts in six northern talukas causing anxiety; health good; *bajri* 36, wheat 24, and rice 24 lbs. per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Colaba (Bombay) ...	Rain every day, heavy on 1st, 2nd, and 3rd; rainfall of week, 7·90.	Total rainfall to date 34·97, being 10·29 above average; average abnormal temperature *nil* from 28th to 30th, afterwards 5° cool; vapour in air normal; abnormal wind northerly till 30th, then gradually changing to east, north-east on 3rd; wind normal on 4th.
Poona ...	Rain in two talukas—maximum 2·26; minimum ·45.	Sowing operations retarded for want of rain; locusts like insects in four talukas; *bajri* 41¾ and *juari* 56½ lbs. per rupee, in Poona *bajri* 36¾ and *juari* 43½ lbs. per rupee.
Ahmednagar ...	Rainfall—maximum at Sheogaon, 6·19; minimum at Sangamner, ·02.	Sowing of *kharif* in progress in Nagar, Parner, Shrigonda, Rahuli, and Kopergaon; rain much wanted in Sangamner, Akola, and in parts of Kopergaon; cattle-disease in Nagar, Karjat, and Parner; cholera in Parner—4 attacks, 1 death; *bajri*—maximum 60 lbs. in Jhamkhed, minimum 42 in Kopergaon; *juari*—maximum 90 lbs. in Jhamkhed, minimum 54 in Kopergaon.
Sholapur ...	·73	Total rainfall 14·06; 20 deaths from cholera; *kharif* sowing progressing; *bajri* 54 lbs. 38 tolas and *juari* 72 lbs. 23 tolas per rupee.
Dharwar ...	Rain in all talukas; maximum in Gadag, 1·75; minimum in Hubli, ·13.	Rain urgently wanted in Navalgund, Rannibennur, and Karajghi, and more wanted also in Mandargi and Hangal; sowing of paddy completed, that of early *juari* and other *kharif* crops commenced; public health good; rice 22, and *juari* 56 lbs. per rupee.
Kanara ...	12·76; total 46·39; Kumpta, 3·03; Sirsi, 1·17; Hallyal, ·44.	Sowing operations continue above ghât; rice plants healthy, and transplanting on coast; slight small-pox in Sidapur and Sirsi; cattle-disease subsiding; common rice in Karwar 13 seers, in district average 13 seers per rupee.
Rajkot ...	1·14	Total rainfall 1·97; weather cloudy; cholera prevalent in some places; *bajri* 24 and *juari* 29 lbs. per rupee.
		General Remarks.—Sowing in general progress; rain partial; much required in a few places; locusts in Khandesh, Nasik, and Poona; slight fever and cattle-disease in a few districts; cholera in thana Satara, Belgaum, Ahmedabad, and parts of Kathiawar.
Bengal—(July 5th)—		
Chittagong ...	0·93	Weather hot, with occasional rain, more rain wanted; prices unchanged; cholera, small-pox, and cattle-disease continue.
Dacca ...	0·1	Rice, sugarcane, and jute growing fast; *aus* rice being reaped, estimated yield five annas.
24-Pergunnahs (Calcutta)	0·09	Sugarcane, jute, and early paddy doing well; high land being prepared for winter paddy; prices of common rice stationary; public health generally good; river rising.
Moorshedabad ...	3·30	Prospects of both autumn and winter rice favourable; late rain has done much good; public health generally good.
Rajshahye ...	2·72; Nator, 6·10	Prospects of paddy and jute good; prices unchanged; some cholera and fever still reported.
Burdwan ...	0·45	Prospects of crops favourable; cholera reported from thanas Ausgram and Sahibganj, otherwise public health good.
Rungpore ...	6·29	Weather seasonable; prospects of crops favourable; autumn rice being cut in several places; transplanting of winter rice going on; prices of food-grains stationary; general health good.
Bhagálpur ...	2·23	Prospects of crops good.
Purneah ...	1·23	Prospects of crops good; weeding progressing; health fair; Ganges fallen.
Patna ...	2·73	Prospects of crops good; sowing of autumn crops going on; cholera and small-pox still prevalent in the Behar sub-division.
Durbhunga ...	2·94	Prospects of all crops good; cholera disappearing slowly everywhere.
Hazáribágh ...	3·05	Weather sultry and cloudy; prospects of autumn crops good; general health good.
Cuttack ...	0·41	Autumn rice progressing well; rice being weeded; more rain wanted; cholera disappearing.
		General Remarks.—Rain fell in all districts during the week, though in some the fall was slight; cultivation of late rice progressing favourably, but wants more rain in some places; in some districts transplanting of late rice going on; early rice and jute doing well; in Behar sowing of autumn crops proceeding; sugarcane and indigo promising well; cholera said to be very prevalent in Birbhoom, but has abated in other districts; cases of small-pox still reported from a few districts; fever reported from some places in Central Bengal and from Gya and Chumparun; cattle-disease prevalent in Hooghly.
N. W. Provinces and Oudh—		
Benares (July 4th)	1·4; Chandauli, 1·9; Gangapur, 2·9.	*Kharif* sown, but on account of the want of rain in the early part of this and last week some loss is anticipated; markets well supplied; prices steady; health of man and cattle good.
Allahabad („ 5th)	Good rain	*Kharif* ploughing and sowing in progress; rising crops in good condition; prospects very good; prices slightly fallen.
Cawnpore („ 4th)	2·3 (average of whole district).	Weather cloudy and close; prospects of *kharif* excellent; sowings continue; prices almost stationary; general health good.
Gorakhpur („ „)	Rain all over the district, especially at the Sadr.	Rice coming up well; prices steady; cholera abated.
Jhánsi („ 3rd)	0·7; Man, 0·7; Moth, 0·8; Garotha, 0·1.	Sufficient rain throughout the district for present purposes; sowing of *jowar*, *kodo*, &c., progressing; prices of food-grains fluctuating; health good; no cattle-disease.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—*contd.*		
Agra (July 4th)	Rain in six parganas during the week, from 0·1 to 1·5.	More rain needed; slight fever in two parganas and small-pox in one; prices slowly falling.
Farukhabad (" ")	Light and partial showers.	*Kharif* sowings in progress; indigo and sugarcane promising well; prices steady.
Bareilly (" ")	Bareilly city, 3·0	Weather cloudy since rain of Sunday, with showers off and on; rain not equally distributed throughout the district, and in western parganas more is wanted; agricultural operations are going on with vigour; crops coming up well; more rain required for rice sowing in about three-fourths of the district.
Meerut (" ")	Rains commenced, occasional in every tahsil during the week; heavy rain to-day.	Ploughing and sowing begun generally; health good; supplies sufficient; prices stationary.
Kumaun (" ")	Light rain in early part of the week, much heavier towards the end.	Crops flourishing; slight measles amongst children; cattle-disease still in parts; prices stationary.
Lucknow (" ")	1·3; Maliabad, 0·3; Mohanlalganj, 0·4.	Sky cloudy, with east wind, every appearance of more rain; supplies abundant; prices falling; cholera decreasing in city.
Rae Bareli (" 3rd)	Dalamau, 0·9; Digbijaiganj, 0·7; and also in parts of tahsils Salon and Rae Bareli, but not at the tahsil head-quarters.	Heavy clouds daily; *kharif* sowings going on; prices stationary; cholera decreasing.
Partabgarh (" 4th)	Kunda, 2·6; slight showers at Sadr.	Wind easterly; sky cloudy; cholera decreasing.
Sitapur (" ")	Birwar, 5·6; 2·5 average at Sadr.	Wind easterly; prospects good.
Fyzabad (" ")	1·6	Sowing of rice going on; cholera prevalent in parts of district.
		General Remarks.—Good rain, sufficient for present purposes, throughout the provinces; prices rising slightly in Aligarh and Saharanpur, elsewhere stationary or falling; slight fever in Agra, and small-pox in Agra and Moradabad, otherwise health good; cholera decreasing; cattle-disease continues in Kumaun.
Punjab—(July 4th)		
Delhi ...	·30	Health good; prices of food-grains rising.
Hissar ...	Slight drizzlings of rain during the week.	Rain most urgently required; health good; prices rising.
Umballa ...	1·60	Ploughings for *kharif* sowings in progress; health good; prices rising.
Jullundur ...	2·50	Health good; prices rising.
Amritsar ...	No rain	Slight rise in prices of wheat and gram; health fair.
Sialkot ...	1·0; 2·0 in Zaffarwal tahsil.	Health good; prices falling.
Lahore ...	No rain	Health good; weather cloudy and windy; prices stationary.
Ferozepore ...	20 in the Zira tahsil	*Kharif* ploughings commenced; health good; prices stationary.
Mooltan ...	No rain	Crops and health good; prices rising.
Rawalpindi ...	·10	*Kharif* crops in progress; fever in Rawalpindi; measles in Pindigheb; prices rising.
Dera Ismail Khan ...	.....	No report received.
Peshawar ...	No rain	Weather extremely hot; health good; prices falling.
		General Remarks.—Rain has fallen in the Delhi, Umballa, Jullundur, Sialkot, Ferozepore, and Rawalpindi districts; slight drizzlings are reported from Hissar, where rain is most urgently required; health good, but fever is still reported in Rawalpindi and measles in Pindigheb; prices of food-grains generally are rising.
Central Provinces—		
Nagpur (July 5th)	Heavy showers	Weather close and cloudy; *kharif* prospects good; prices steady.
Jubbulpore ...	1·42	Weather cloudy and hot; sowings continue; cholera and small-pox prevalent; wheat 17 seers per rupee.
Saugor (July 3rd)	1·05	Sowing operations progressing favourably; prices steady; general health good.
Seoni ...	5·73	Rain daily since first; transplanting of rice in progress; cholera and small-pox prevalent; severe cattle-disease in one tahsil.
Khandwa ...	2·8	Weather close and cloudy; sowings continue; prices stationary; wheat 21 seers per rupee.
Hoshangabad ...	1·91	*Kharif* sowings continue; small-pox prevailing; wheat 14 seers per rupee.
Raipur (July 1st)	1·93	*Kharif* sowings nearly completed; cholera prevalent; prices unchanged; rice 40 seers per rupee.
Sambalpur (June 29th)	·37	Weather hot and bright; rice sowing in active progress; health good; rice 56 seers per rupee.
		General Remarks.—Weather cloudy and very close; rain general, heavy showers in Seoni district; *kharif* sowings progressing actively; cholera and small-pox still reported from several districts; prices steady.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
British Burma—(July 1st)		
Akyab ...	4·93	Total rainfall 73·83; small-pox slightly prevalent in two townships, otherwise public health good; cattle-disease severe in one township; ploughing progressing.
Rangoon ...	3·02	Total rainfall 24·18; 1 death from cholera, otherwise public health good.
Bassein ...	3·46	Total rainfall 44·84; public health good; some cattle-disease in two townships; much sunshine by day and heavy showers at night; young plants in nurseries suffering from sun; ploughing progressing.
Prome ...	0·25	Total rainfall 11·83; 4 deaths from cholera in town and a few cases in district; ploughing backward in one township for want of rain.
Amherst ...	3·13	Total rainfall 72·78; public health good both in Moulmein and district; cattle-disease in three townships.
Toungoo ...	3·67	Total rainfall 27·42; no deaths from small-pox in town, but 23 in one village in the Karen hills, otherwise public health good.
		General Remarks.—Cholera prevalent in Thonkwa and part of Hanthawaddy, a few cases in two or three other districts; some small-pox in Akyab and Toungoo, otherwise public health good; cattle-disease continues in Akyab and Amherst, some also in Sandaway, Tharrawaddy, Bassein, Thonkwa, and Shwaygyeen; want of rain complained of in Prome, Tharrawaddy, and Thonkwa.
Assam—(July 5th)		
Gauhati ...	1·22	Weather seasonable; public health good in the station, also improving in the interior; *aus* rice crops doing well; cattle-disease reported from the interior.
Sylhet ...	3·27	Prospects of crops good; state of public health also good.
Cachar ...	3·83	Weather very hot; sowing of *dumahi* and *murali* crops finished in some parts of the district; ploughing for *sali* crop progresses; common rice 24⅛ seers per rupee; 6 cases of cholera and 1 case of small-pox reported from Katigora.
Dibrugarh ...	·4	Rainfall better in Lakhimpur, Sadiya, and Jaipur hill, defective at Dibrugarh; ploughing much retarded in consequence; cattle-disease has been very severe all over the district and seems to be extending; Bengali cattle and buffaloes have escaped partially, in some villages there is not a buffalo left alive; public health good.
Mysore and Coorg—(July 5th)		
Bangalore ...	·80	Standing crops in good condition; sowing operations of dry crops in active progress, but more rain required for wet cultivation; prospects favourable; public health good; prices stationary.
Mysore ...	.....	Crops in good condition, but more rain wanted; prospects fair; health good; rice and *ragi* risen ½ seer per rupee.
Mercara ...	10·11	The monsoon has again set in; transplanting of coffee seedlings proceeding; rice is being sown; the *ragi* crop in Naurajapatna taluk is being weeded; the coffee crop on Saupaji ghât and the cardamum crops have suffered from previous heavy rain; prospects of season and public health good; slight fall in prices.
		General Remarks.—Rainfall from 5 to 79 cents reported in districts; agricultural operations recommenced; prospects of season generally favourable and public health good; fever and small-pox prevalent in parts; standing crops in good condition; prices—rice 11 to 16 and *ragi* 20 to 32 seers per rupee.
Berar & Hyderabad—(July 5th)		
Amráoti ...	1·48	*Kharif* sowings progressing; wheat 18 and *juari* 36 seers per rupee.
Akola ...	1·72	Sowing of *juari* commenced, that of cotton over.
Hyderabad ...	1·51	Total rainfall from 1st January 7 inches; *kharif* sowings recommenced; taluks have received small quantity of water; fever and cattle-disease prevail in two taluks; prices—wheat 14⅓, coarse rice 9¾, white *juari* 22½, yellow *juari* 25¼, and *tur* 26½ seers per current sicca rupee.
Central India States—(July 5th)		
Indore ...	3·64; constant rain	Prospects of the *kharif* crops exceedingly favourable; health good.
Morar (Gwalior) ...	·47	Health good.
Sutna ...	2·73	Cholera at Rewah.
Rutlam ...	.....	No report received.
Neemuch ...	8·0	Health good; prices falling.
Goona ...	1·04	Health and prospects good; weather cloudy.
Bhopal ...	.....	Weather cloudy; health good.
Agar ...	2·07	Health and prospects good.
Nowgong ...	·26	*Kharif* sowings commenced; health good.
Manpur ...	2·25	Weather cloudy; sowing of *kharif* finished; health good; prices stationary.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Rajputana—		
Abu (July 5th)	3·48	Weather cloudy and sultry.
Sirohi („ 2nd)	Slight rain	Tanks dry; wells fair; health good; weather cloudy and hot.
Marwar (June 30th)	.....	Water in tanks and wells plentiful; health good; lands have been ploughed and seeds sown where sufficient rain previously fell; weather abnormally hot, close, and cloudy, but no immediate prospects of rain; prices stationary with tendency to rise.
Meywar (July 1st)	0·41	Tanks, wells, and health good; prospects very good; rain fell in time to save young crops.
Harowti („ „)	Deoli, 2·58; rain general	Ploughing operations vigorously pushed on; weather cloudy; tanks and wells filling; few cases of cholera in Tonk, elsewhere health good; prices fallen.
Jhallawar (June 28th)	1·99	Sowings progressing; health good.
Ajmere (July 4th)	1·59	Few cases of cholera; atmosphere damp.
Jeypore („ „)	1·61	Sowings begun; prices steady; health good.
Bhurtpore ...	.....	No report received.
Ulwur (July 5th)	.....	*Kharif* sowings want rain; health good.
Nepal—(June 29th)		
Katmandu ...	1·03	Transplanting of rice is being rapidly carried on; weather seasonable.

E. C. BUCK,
Secy. to the Govt. of India.

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☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

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Nothing for publication.

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Nothing for publication.

SUPPLEMENT No. 28.

PART I.

Government of India Notifications, Appointments, Promotions, &c.

HOME DEPARTMENT.

NOTIFICATIONS.—PUBLIC.

Simla, the 8th July 1882.

No. 1028.—In exercise of the powers conferred by Section 8, Act XVII of 1875 (The Burma Courts Act, 1875), the Governor General in Council is pleased to establish a Court, to be called the Court of the Extra Assistant Commissioner of the Pagandoung Township, the local limits of the jurisdiction of which shall include the following circles:—

Pagoo.	Mekkattan.
Dayzat.	Pagandoung.
Kadonebaw.	Takaw.

Agoon.

MEDICAL.

The 12th July 1882.

No. 301.—The services of Surgeon G. S. A. Ranking are permanently placed at the disposal of the Government of Bengal.

JUDICIAL.

The 12th July 1882.

No. 971.—*Erratum.*—In the Notification of this Department, No. 843, dated the 16th ultimo, appointing certain persons to perform the functions of Notaries Public under Act XXVI of 1881, *for* "Babu Sres Chandra Sen," a pleader in Bogra, *read* "Babu Gresh Chandra Sen."

FORESTS.

The 14th July 1882.

No. 592F.—The undermentioned Sub-Assistant Conservators of Forests are appointed to officiate, until further orders, as Assistant Conservators of Forests of the 3rd Grade, with effect from the dates mentioned:—

Mr. H. G. Young, Assam—from the 1st June 1882.

Mr. R. L. Heinig, Bengal—from the 15th June 1882.

A. MACKENZIE,
Secy. to the Govt. of India.

FOREIGN DEPARTMENT.

NOTIFICATIONS.—GENERAL.

Simla, the 14th July 1882.

No. 92 G.—Foreign Department Notification No. 375 G. G. of the 11th March 1882, appointing Captain J. Burne, B.S.C., Officiating Political Assistant, 2nd class, and 2nd Assistant to the Governor General's Agent in Central India, to officiate as Cantonment Magistrate at Mhow, is hereby cancelled.

No. 94 G.—Lieutenant M. J. Meade, B.S.C., Political Assistant, 3rd Class, sub. *pro tem.*, and 3rd Assistant to the Governor General's Agent in Central India, is appointed to officiate as a

Political Assistant of the 2nd Class, and is posted temporarily as 2nd Assistant to the Governor General's Agent in Central India, during the absence on privilege leave of Major J. Burne, B.S.C., with effect from the 15th May 1882.

No. 96 *G.*—Captain W. Ashfield, Bombay Staff Corps, Assistant Cantonment Magistrate, Mhow, held charge of the office of the Cantonment Magistrate, Mhow, in addition to his other duties, from the 25th March to the 15th May 1882, both days inclusive.

MILITARY.

The 14th July 1882.

No. 99 *G.*—The following appointments are made, consequent on the departure on furlough of Lieutenant-Colonel A. Conolly, Commandant, Meywar Bheel Corps :—

Major E. Temple, 2nd-in-Command, Meywar Bheel Corps, to officiate as Commandant during Lieutenant-Colonel Conolly's absence on furlough, or until further orders.

Major A. R. T. McRae, 2nd-in-Command, Erinpura Irregular Force, to officiate as 2nd-in-Command, Meywar Bheel Corps, *vice* Major E. Temple.

Major P. W. Smith, Officiating 2nd-in-Command, Mhairwarra Battalion, to officiate as 2nd-in-Command, Erinpura Irregular Force, *vice* Major McRae.

No. 101 *G.*—Umrao Ali Khan, Naib Duffadar, 1st Regiment, Central India Horse, is transferred to the Bhopal Battalion, and promoted to the rank of Jemadar, with effect from the 1st June 1882, *vice* Jemadar Rughoberpershad Tiwari, promoted.

JUDICIAL.

The 14th July 1882.

No. 141 *I.*—Under the provisions of Section 3, Act II of 1869, the Governor General in Council is pleased to appoint Mr. J. R. Fitzgerald, C.S., Assistant Commissioner in Ajmere, to be a Justice of the Peace for the whole of British India.

C. GRANT,
Secy. to the Govt. of India.

DEPARTMENT OF FINANCE AND COMMERCE.

NOTIFICATIONS.

Simla, the 14th July 1882.

No. 2369.—Mr. T. C. Hope, Bo.C.S., C.S.I., having returned from privilege leave, resumed charge of his duties as Secretary to the Government of India in the Department of Finance and Commerce before noon on the 13th July 1882.

STEPHEN JACOB,
for *Secy. to the Govt. of India.*

The 14th July 1882.

No. 2248.—Whereas doubts have been raised as to the construction of the Notification of the Government of India in the Department of Finance and Commerce, No. 9, dated 3rd January 1880, the Governor General in Council is pleased to direct that the word "spirit" mentioned in that Notification shall not be held to include spirit manufactured or produced in Portuguese India.

No. 2288.

ORDER—By the Government of India, Department of Finance and Commerce.

Read the following :—

No. 470, dated 20th April 1882.

Resolution—By the Government of India, Department of Finance and Commerce.

The Governor General in Council has resolved to publish with the annual Finance and Revenue Accounts of the Government of India a statement showing the receipts and expenditure of all Municipalities, as well as of all Excluded Local Funds which are on the books of the Accountants General, in order that a complete account of the whole income and expenditure connected with the administration of the country may be readily available from one source.

2. This statement will not form an integral part of the combined accounts of the Empire under the three heads of "Imperial," "Provincial," and "Local," as they have been hitherto prepared, but will only be in the nature of an appendix intended to supplement the information contained in the Accounts; and the responsibility for the correctness of the

Statement will lie with the local authorities entrusted with the management of the Municipal and other Funds in question.

3. The accounts of Municipalities will be in the form given in the appendix to this Resolution, and there will be no difficulty in preparing them, as, under instructions from Her Majesty's Secretary of State, the Municipalities have already to furnish to the Local Governments almost the same information for submission to the Government of India in the Home Department. All these Accounts are now made up for the official year, except only those for the Municipalities of Calcutta and Bombay, and the Corporations of these cities have been requested to conform to the general practice.

4. The Local Governments will consolidate these accounts into one statement for each Province, and transmit it direct to the Comptroller General, so as to reach him not later than the 30th November of the year succeeding that to which they relate, for inclusion in the Finance and Revenue Accounts of the year.

5. The Comptroller General will issue further appropriate instructions to the several Accountants General for the submission of statements of the Excluded Local Funds, which should contain sufficient details of the sources of income of each Fund and of the character of the expenditure incurred therefrom.

6. The accounts of Municipalities and of the Excluded Local Funds will be collected together in one statement, to be called 2 (*b*), which will be inserted in its proper place in the Finance and Revenue Accounts.

7. The Comptroller General will also prepare a statement, to be called 2 (*a*), showing in detail for each Province the distribution of the revenue and expenditure at present included in the General Accounts under the three heads "Imperial," "Provincial," and "Local" on the lines of No. III of the statements published with the Financial Statement of the Government of India.

8. The Governor General in Council desires that Local Governments will take immediate measures for the submission of the statements for the year 1881-82, in order that they may appear in the Finance and Revenue Accounts of that year.

9. The Municipal Budget Estimates, which are at present submitted to the Government of India in the Department of Finance, will be no longer required.

Ordered, that this Resolution be communicated to the Home Department for information, and to the several Local Governments and Administrations, and to the Comptroller General for information and for the issue of further necessary orders.

ORDERED, that the foregoing be published in the *Gazette of India* for general information.

[Appendix referred to in paragraph 3 of the Resolution.]

ANNUAL ACCOUNTS

Accounts of Receipts and Disbursements for the

RECEIPTS.	Deposits.			Actual Municipal Balance.			Rs.	A.	P.
By Balance in hand at the close of last year.									
REVENUE.									
(*A*).—*Municipal Taxes*—	Rs.	A.	P.	Rs.	A.	P.			
1. Octroi									
2. Assessed Taxes									
(*e.g.*, Conservancy Cess, Licenses on Trades, &c., in the following details.)									
Arrear collections for the previous year									
Collections for the current year									
Penalties									
3. Tax on Houses and Lands									
4. Tax on Vehicles									
5. Tax on Animals									
6. Tolls, &c.									
(*B*).—*Miscellaneous Receipts*—									
1. Realisations under special Acts									
2. Proceeds of Land, &c.									
3. Income derived from Markets, &c.									
(Rents, fees, sale of refuse, &c.)									
4. Conservancy and Road-cleaning									
(Fees, sale proceeds of night-soil, street refuse, &c.) ...									
5. Municipal Fines									
6. Sundries									
(Rents of Municipal lands, Government Grants, Receipts from Public gardens, &c.									
(*C*).—*Debt*—									
1. Loans									
2. Deposits									
(Contractors, salaries unpaid, &c.)									
3. Advances									
GRAND TOTAL ...									

OF THE MUNICIPALITY.

year ending 31st March 188 .

DISBURSEMENTS.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
EXPENDITURE.									
(A).—*General Establishment*—*									
1. (Office Establishment, Inspection, Honorary Magistrate's Establishment, &c.)									
2. Collection of Municipal Taxes (Establishment, purchase of account books and paper money-boxes, repair to outposts, &c.									
(B).—*Public Safety*—									
1. Fire (Establishment, purchase of fire-engine, buckets, repairs, &c.)									
2. Lighting (Establishment, purchase of lamps, oil, repairs, &c.) ...									
3. Police (Establishment, purchase of clothing, lanterns, &c., repairs to outposts, &c.)									
(C).—*Public Health*—									
1. Buildings and other works ... ... (Erection of Slaughter-houses, Latrines, &c.)									
2. Repairs (to Market, Dispensary, &c.)									
3. Maintenance of Medical Institutions ... ... (Dispensary Establishment, purchase of medicines, &c.) ...									
4. Vaccination (Establishment)									
5. Water-works (Establishment, repairs)									
6. Road-watering (Establishment, purchase of water-carts, repairs, &c.)									
7. Road-cleaning (Establishment, purchase and repair of dust bins, &c.)									
8. Conservancy (Establishment, repairs, purchase of carts, dry-earth, land for burying night-soil, &c.)									
Refunds, &c., of fines or over-assessment									
Remissions of cess									
9. Drainage-works (Establishment, repairs)									
10. Other measures...									
(a) Markets and Slaughter-houses. (Establishment, contingencies)									
(b) Public garden (Establishment, purchase of seeds, repair of well, purchase of bullocks, &c.)									
(D).—*Public Instruction*—									
Contributions to Schools									
(E).—*Public convenience*—									
1. Public Works (Establishment)†									
(a) New works									
(b) Repairs									
2. Survey of land									
3. Other charges (Printing, rewards, &c.)									
(F).—*Debt*—									
1. Loans (Instalment payable during the year)									
Interest ... ... { Last year ... / Current year ...									
2. Deposits (salaries attached, contractors, &c.)									
3. Advances (on account of Departmental works, &c.)... ...									
Closing Balance									
Deposits									
Actual Municipal Balance									
GRAND TOTAL									

Memorandum of Liabilities and claims.

Liabilities—

Balance of Loans ... ...
Deposits to be adjusted... ... ...

Claims—

Advances recoverable ... ...

Net amount of debt ... ...

* It must be clearly understood that under this head only such establishments are to be shown as cannot be properly shown under any of the other heads. Wherever there is a special establishment for a particular purpose only, it should be shown under the head to which that purpose belongs and not under the head of General Establishments.

† If the Public Works Establishment be employed partly upon works connected with any of the other heads, the share of the charges debitable to those heads should be shown under those heads, and not under (E).

No. 2301.—The following Addenda and Corrigenda to the Codes of the Financial Department are published for general information :—

CIVIL PENSION CODE.

Page 3.

Section 7.

Substitute the following for the first sentence of the Section :—

"The Rules in Sections 8 and 9 apply to Officers transferred on or after the 14th October 1871 from qualifying service to Foreign service, and, as regards the rates of contribution, have effect from the 10th June 1882."†

Section 8 (a).

Substitute the following for the Section :—

8. (*a*) From every Officer transferred in the manner specified in Section 7, who does not wholly resign the service of the British Government, or who is not, for recorded special and public reasons, exempted from the operation of the Rules in this Chapter, a contribution is levied as follows :—

(A) In the case of a Covenanted Civil Servant ;—at the rate of 16⅔ per cent. (one-sixth) on the gross salary which he receives from his Foreign employers :

(B) In the case of any other Officer ;—at the rate of $14\frac{2}{7}$ per cent. (one-seventh) on the gross salary which he receives from his Foreign employers : provided always that the contribution from an Uncovenanted Officer shall in no case exceed Rs. 166⅔ a month,

that is to say, the Officer receives from his Foreign employers salary fixed in accordance with the Rules of the Public Service for the appointment which he holds or in which he officiates, and, retaining five-sixths or six-sevenths accordingly as he is an Officer of Class (A) or (B), pays one-sixth or one-seventh, as the case may be, to the Government of India.

Page 4.

Section 8 (b).

Substitute "five-sixths or six-sevenths, as the case may be," *for* "four-fifths."

Rule 2.

Substitute "five-sixths or six-sevenths, as the case may be," *for* "four-fifths."

Rule 3.

Substitute the following for the Rule :—

3. A Native of India not being a Covenanted Civil Servant may, by resigning all claims to allowances from the British Government during leave in respect to the period of his employment in Foreign service, contribute for pension only. In such case the contribution shall be one-eleventh of the gross salary which he receives from his Foreign employers, and shall not exceed Rs. 100 a month ; and the pension will be calculated upon the balance of salary which remains to him after the deduction.

Page 6.

Rule 13.

Substitute the following for the Rule and the Example under it :—

13. The deduction made under this Section from the salary of a Covenanted Civil Servant includes the deduction made on account of his annuity. His gross salary when transferred to Foreign service should therefore be one-fifth greater than the net salary which it is intended that he should retain for himself after paying the ordinary contribution of 4 per cent. towards the cost of his annuity.

Example.—The salary of A.B., a Covenanted Civil Servant, is Rs. 1,000 ; from this he pays Rs. 40 towards cost of his annuity and retains Rs. 960 for himself. If transferred to Foreign service his gross salary will be Rs. 1,152. The contribution payable to the British Government is Rs. 192.

Page 7.

Rule 16.

Substitute the following for the 1st sentence of the Rule :—

"The salary of an Officer appointed to act for an Officer on Foreign service shall be calculated as if the pay of an Officer on such service were the net amount which remains to him after making his contribution; one-fifth in the case of a Covenanted Civil Servant, one-sixth in the case of any other Officer (if he contributes for both leave and pension), or 6⅔ per cent. in the case of an Inferior Servant, being added to the total sum thus calculated."

Substitute the following for the Examples :—

(1) A. B., a Covenanted Civil Servant, receiving a pay of Rs. 500 from the British Government, officiates in an appointment in Foreign service, the gross pay of which is Rs. 1,200. Deducting the sum contributed for leave and pension, the net pay of the appointment is, therefore, Rs. 1,000. A. B.'s salary is—

	Rs.
Pay	500
Acting allowance ⅓ (1,000—500)	333⅓
Salary	833⅓
Add $\frac{1}{5}$ (to be contributed to the British Government)	166⅔
Gross Salary ...	1,000

(2) A. C., an Uncovenanted Officer, receiving a pay of Rs. 350 from the British Government, officiates in an appointment in Foreign service, the gross pay of which is Rs. 1,166⅔. Deducting the sum contributed for leave and pension, the net pay of the appointment is, therefore, Rs. 1,000. A. C.'s salary is—

	Rs.
Pay	350
Acting Allowance, $\frac{1}{5}$ of 1,000	200
Salary ...	550
Add $\frac{1}{6}$ (to be contributed to the British Government)	91⅔
Gross salary ...	641⅔

(3) A. D., an inferior Servant, receiving a pay of Rs. 6 from the British Government, officiates in an office in Foreign service, the gross pay of which is Rs. 10-10-8. Deducting the sum contributed for pension, the net pay of the appointment is, therefore, Rs. 10. A. D.'s salary is —

	Rs.	A.	P.
Pay	6	0	0
Acting Allowance, $\frac{1}{5}$ of Rs. 10	2	0	0
Salary ...	8	0	0
Add 6⅔ per cent. (to be contributed to the British Government) ...	0	8	6
Gross Salary ...	8	8	6

(4) A. E., an Uncovenanted Officer, receiving a gross pay of Rs. 700 in Foreign service, and contributing for both leave and pension, is appointed to officiate in another office in Foreign service, the gross pay of which is Rs. 1,166⅔. A. E.'s salary is —

	Rs.
Net pay	600
Acting allowance $\frac{1}{5}$ of Rs. 1,000	200
Salary ...	800
Add $\frac{1}{6}$ (to be contributed to the British Government) ...	133⅓
Gross Salary ...	933⅓

Page 10.

Section 10.

Substitute the following for Case (g), clause (2) :—

(2) When an Officer's services are lent for other than Imperial purposes, either in England or in a British Colony, or to a Foreign State, the Officer shall, unless he is transferred to the service of the Egyptian Government, make a contribution to the Indian Exchequer in accordance with the Rules in this Chapter.

Pages 36 and 37.

Section 80, Case (f).

For "one-fourth" *and* "one-eighth" *substitute* "one-sixth" *and* "one-twelfth."

No. 2330.—Mr. T. W. Biss received charge of the appointment of Deputy Accountant General, Bombay, after noon on the 30th June 1882.

No. 2339.—In exercise of the powers conferred by Section 49 of the Native Passenger Ships Act, VIII of 1876, the Governor General in Council is pleased to direct that every ship to which the Act applies performing a voyage either between a port on the west coast of India and a port in the Red Sea, or between Aden and any port on the east coast of Africa, south of 10° north, whether the ship touches at any intermediate port or not, shall, in the event of the ship being propelled by sails, contain in the between decks not less than 12 superficial feet and 72 cubic feet of space for every passenger, and shall, in the event of the ship being propelled by steam, or partly by steam and partly by sails, contain in the between decks not less than 9 superficial feet and 54 cubic feet of space for every passenger.

No. 2372.—Mr. J. E. Cooke officiated as Accountant General, Bengal, from the 28th April to the 10th May 1882, both days inclusive.

No. 2385.—*Abstract of the Accounts of the Department of Issue of Paper Currency on the 30th June 1882, published as required by Section 23 of the Indian Paper Currency Act, 1871.*

Circles of Issue.	Whole amount of Notes in circulation.	Reserve in Silver Coin and Bullion.		
		Coin.	Bullion.	Total.
	Rs.	Rs.	Rs.	Rs.
Calcutta ...	6,80,07,000	1,85,78,013	37,29,056	2,23,07,069
Madras ...	1,50,35,750	78,70,375	10,30,000	89,09,375
Bombay ...	4,57,64,325	3,28,62,887	16,16,003	3,44,79,880
Allahabad ...	81,94,225	89,35,350	...	89,35,350
Lahore ...	71,81,500	1,01,64,105	...	1,01,64,105
Calicut ...	18,43,090	18,46,025	...	18,46,025
Kurrachee ...	20,02,000	24,29,900	38,800	24,68,700
Total ...	14,91,10,470	8,26,95,655	64,14,849	8,91,10,504
Invested in Government Securities under Section 17 of the Act				5,99,99,966
Grand Total ...				14,91,10,470

T. C. HOPE,
Secy. to the Govt. of India.

MILITARY DEPARTMENT.

Simla, the 14th July, 1882.

APPOINTMENTS.

No. 383.—STAFF CORPS—

The undermentioned officers are admitted to the Bengal Staff Corps, with effect from the dates specified, subject to the confirmation of the Right Hon'ble the Secretary of State for India :—

Lieutenant Charles Armstrong Roberts, Leicestershire Regiment, Officiating Squadron Officer, 9th Bengal Cavalry,—21st November, 1879.

Lieutenant Herbert James, Middlesex Regiment, Officiating Wing Officer, 4th Native Infantry,—21st April, 1880.

The commission of Lieutenant James is antedated to the 21st April, 1880, subject to Her Majesty's approval.

No. 384.—The undermentioned officer, appointed by the Secretary of State as a probationer for the Indian Staff Corps, is placed at the disposal of His Excellency the Commander-in-Chief, in view to his appointment to the Bengal Staff Corps, with effect from the date of his arrival in India :—

Lieutenant C. M. Edwards, Berkshire Regiment.

FURLOUGH AND LEAVE.

No. 385.—The undermentioned officers are granted furlough out of India, with the necessary subsidiary leave :—

Lieutenant-Colonel C. J. Griffiths, Bengal S. C., Wing Commander and 2nd-in-Command, 3rd Sikh Infantry, (p. a.) for one year, under rule IX of the regulations of 1868.

Major A. L'E. H. Holmes, Bengal S. C., Brigade Major on the establishment, (p. a.) for one year and 91 days, under rule IX of the regulations of 1868.

No. 386.—Brigade Surgeon J. R. Jackson, M.D., is granted furlough in and out of India (m. c.) for one year, under rule XIV, clause (1), of the regulations of 1868.

No. 387.—Sub-Conductor C. Harris, Commissariat Department, is granted furlough in India (m. c.) for one year, under rule I of the regulations of 1875.

No. 388.—The undermentioned officers have been granted extensions of furlough by the Right Hon'ble the Secretary of State for India :—

Lieutenant-Colonel (Brevet Colonel) J. J. H. Gordon, C.B., Bengal S. C., (u. p. a.) without pay for 108 days.

Lieutenant-Colonel F. J. N. Mackenzie, Bengal S. C., (m. c.) for six months.

Major D. H. Robertson, General List, Infantry, (u. p. a.) without pay for six months.

Captain (Brevet Major) C. R. Macgregor, Bengal S. C., (p. a.) for six months.

Captain R. J. H. Wyllie, Bengal S. C., (m. c.) for three months.

Lieutenant W. H. Allen, Bengal S. C., (m. c.) for six months.

Lieutenant A. Masters, Bengal S. C., (p. a.) for four months.

Surgeon R. A. K. Holmes, M.D., (p. a.) for sixty days.

Conductor J. J. Bennett, Ordnance Department, (m. c.) for three months.

HONORARY DISTINCTIONS.

No. 389.—With reference to G. G. O. No. 418 of 1881, Her Majesty the Queen, Empress of India, has been pleased to approve of the 1st Regiment, Sind Horse, bearing on its appointments the words "Afghanistan, 1878-79."

PROMOTIONS.

No. 390.—The following promotions are made, subject to Her Majesty's approval :—

BREVET.

To be Colonels.

Lieutenant-Colonel Malcolm George Clerk, Bengal Infantry,—1st July, 1881.

Lieutenant-Colonel William Henry Mackesy, Bengal S. C.,—3rd February, 1882.

No. 391.—MILITARY WORKS DEPARTMENT—

The following promotions are made in the Barrack Department Establishment of the Military Works Department :—

Sub-Conductor J. Holehouse, Assistant Barrack Master, to officiate as Barrack Master, 2nd class, with effect from 4th April, 1882.

Honorary Lieutenant J. Murray, Barrack Master, 2nd class, to officiate as Barrack Master, 1st class, with effect from 11th April, 1882.

Sub-Conductor W. H. Knight, Assistant Barrack Master, to officiate as Barrack Master, 2nd class, with effect from 11th April, 1882.

G. CHESNEY, *Colonel,*
Secretary to the Government of India.

PUBLIC WORKS DEPARTMENT.

NOTIFICATIONS.

Simla, the 11th July 1882.

No. 171.—Mr. W. B. Taylor, Executive Engineer, 2nd Grade, is transferred from the establishment under the Director General of Railways to that under the Government of Bombay, Railway Branch.

The 14th July 1882.

No. 172.—Mr. H. C. Barnes, Deputy Examiner of Accounts, Punjab, is temporarily transferred to the Office of the Accountant General, Public Works Department, on the expiration of his privilege leave.

No. 173.—Mr. J. H. Handley, Deputy Examiner, 2nd Grade, temporary rank, is, at his own request, retransferred to the Executive Branch in his substantive rank of Assistant Engineer, 1st Grade, and his services are replaced at the disposal of the Chief Commissioner of British Burma.

No. 174.—Mr. F. L. Dibblee, Officiating Superintending Engineer, 3rd Grade, Railway Branch, is transferred as a temporary measure from the establishment under the Government of Bengal to that under the Government of Bombay in the same branch, and is appointed to officiate as Engineer-in-Chief of the Southern Mahratta Railways.

No. 175.—During the absence on privilege leave of Captain G. F. O. Boughey, R.E., Officiating Manager, Indus Valley Railway, Mr. H. F. Storey, Engineer-in-Chief of the Line, will act as Manager, and Major J. A. Little, Executive Engineer as Engineer-in-Chief.

No. 176.—The following permanent promotions are made in the Railway Branch, with effect from the 1st July 1882 :—

Name.	From	To
Hodges, R. N. ...	Executive Engineer, 4th Grade ...	Executive Engineer, 3rd Grade.
Parry, H. B. ...	" " 4th " (Temporary) ...	" " 4th "
Shedlock, O. J. ...	Assistant " 2nd " ...	Assistant " 1st "
Tabbs, F. R. ...	" " 2nd " ...	" " 1st "

No. 177.—Mr. E. R. S. Lloyd, Assistant Engineer, 2nd Grade, is transferred from the Railway Branch to the North-Western Provinces and Oudh.

W. S. TREVOR, *Colonel, R.E.,*
Secy. to the Govt. of India.

The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, JULY 15, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller General, &c.

GAZETTE OF INDIA.

NOTICE.

The 11th March 1882.

From the 8th April next, till further notice, Parts I, IV, and V of the *Gazette of India*, and the Weather and Crop Report, will be published at Simla. After the 1st April, all Notifications and other matter intended for publication in those Parts, should be addressed to the Officiating Publisher at that station.

Parts II and III and the Supplement will continue to be published in Calcutta.

Parts IV and V of the *Gazette of India*, containing the Acts and Bills of the Legislative Council, may be subscribed for separately from the other Parts of the Gazette. The annual subscription for the two Parts will be Rs. 5 per annum, payable in advance. When sent by post, Rs. 2-8 per annum additional will be charged for postage. For the current year these Parts are available from 1st May only, the back numbers being out of print.

Complaints regarding non-receipt of any number of the *Gazette* should be forwarded within a week after the day on which it is due.

Applications for the supply of the *Gazette* on the *public service* should be addressed to the Home Department.

By an order of Government, all subscriptions must be paid *in advance*.

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For a single copy of the *Gazette*	0	8	0
For a single copy of the Supplement	0	8	0

Postage on single copies varies according to weight.

E. J. DEAN,

Publisher, Gazette of India.

NOTICE.

The Office of Superintendent of Government Printing having been removed to No. 166, Dhurrumtollah Street, all communications intended for that Office should be sent to that address.

E. J. DEAN,

Supdt. of Govt. Printing, India.

SURVEY OF INDIA.

NOTIFICATIONS.

Mussooree, the 10th July 1882.

No. 285.—With reference to Notification No. 250 S., dated 7th July 1882, of the Government of India, Revenue and Agricultural Department, Lieutenant the Hon'ble M. G. Talbot, R.E., is appointed to officiate in the 2nd Grade of Assistant Superintendents, with effect from the 24th April last.

No. 286.—Mr. D. A. King, Assistant Surveyor, 1st Grade, is appointed to officiate as Surveyor, 4th Grade, *vice* Mr. P. A. G. Cowley, Surveyor, 2nd Grade, proceeded on furlough, with effect from the forenoon of the 1st July 1882.

J. T. WALKER, *Lieut.-Genl., R.E.,*

Surveyor General of India.

TELEGRAPH DEPARTMENT.

NOTIFICATIONS.

Calcutta, the 8th July 1882.

No. 14.—Mr. J. L. Ovens, an Assistant Superintendent of the 1st Grade, is allowed furlough for two years under Section 49 of the Civil Leave Code, with effect from the forenoon of the 28th May 1882.

Simla, the 10th July 1882.

Offices opened and closed during the month of June 1882:—

Name of Station.	Where situated.	Date.	REMARKS.
Badani	Sind	1st	Opened.
Danauri	N. W. Provinces	23rd	Ditto.
Dinewoonguin	Suburbs of Moulmein, British Burmah.	12th	Ditto.
Guneshkhind	Bombay Presdy.	3rd	Ditto.
Mahableshwar	Ditto	12th	Closed.
Moopoon	Suburbs of Moulmein, British Burmah.	24th	Opened.
Teynampett.	Suburbs of Madras	15th	Ditto.

R. MURRAY, *Colonel,*
Director General of Telegraphs in India.

AGENT, GOVERNOR GENERAL, FOR CENTRAL INDIA.

NOTIFICATION.

Indore Residency, the 4th July 1882.

No. 1337.—Surgeon-Major D. F. Keegan, Residency Surgeon, Indore, and Civil Administrative Medical Officer, Central India, is granted three months' privilege leave from the 11th May 1882.

By Order,
D. ROBERTSON,
1st Asst. Agent, Govr. Genl., for Central India.

AGENT, GOVERNOR GENERAL, FOR RAJPUTANA.

NOTIFICATIONS.

Mount Abu, the 3rd July 1882.

No. 1829 *G.*—Major W. J. W. Muir, Political Agent, Harowti and Tonk, is granted three months' privilege leave from 1st August 1882, or such subsequent date as he may avail himself of the same.

The 10th July 1882.

No. 1883 *G.*—Major J. H. L. Greenfield, 2nd-in-Command, Deoli Irregular Force, is granted ninety days' privilege leave from the 1st August 1882, or such subsequent date as he may avail himself of the same.

By Order,
E. A. FRASER,
1st Asst. Agent to the Govr. Genl.

RESIDENT IN MYSORE.

NOTIFICATION.

Bangalore, the 7th July 1882.

No. 7.—Under the provisions of Section 4 of the Bangalore Municipal Regulations of 1871, as amended by the Notification of the Government of India in the Foreign Department, No. 8 G. J., dated the 28th April 1881, the Officiating Resident in Mysore is pleased to appoint Doctor P. H. Benson, Residency Surgeon, to be *ex-officio* Commissioner for the Municipality of the Civil and Military Station of Bangalore.

J. D. SANDFORD,
Offg. Resident.

MILITARY DEPARTMENT—
Military Works.

NOTIFICATION.

Presidency & Oudh Command.

Lucknow, the 1st July 1882.

No. 17.—Lieutenant G. M. Porter, R.E., Assistant Engineer, 1st Grade, has been transferred from the Saugor to the Allahabad Division, Military Works. Lieutenant Porter took over charge of the latter division from Lieutenant T. Digby, R.E., Assistant Engineer, on the forenoon of the 29th June 1882.

H. McV. CRICHTON, *Major, R.E.,*
Supdg. Engr., Presdy. & Oudh Command, Military Works.

DIRECTOR GENERAL OF RAILWAYS.

NOTIFICATION.—ESTABLISHMENT.

Simla, the 8th July 1882.

No. 44.—Mr. F. K. Cunliffe, Store-keeper, is transferred from the Punjab Northern State Railway, Construction Section, to the Patna-Baraitch State Railway.

F. S. STANTON, *Col., R.E.,*
Director General of Railways.

TREASURE TROVE.

It is hereby notified, under Section 5 of the Indian Treasure Trove Act (VI of 1878), that on the 14th June 1880, Janya, walad Gopala, and some other boys, while playing at a certain place belonging to one Dhurnal of the village of Takubia, Taluka Rahuri, in the Ahmednagar Collectorate, found treasure, amounting to 49 silver coins, and 1 lota or water vessel, the approximate value of which is Rs. 9-3.

All persons who claim the said treasure, or any part thereof, are required to appear personally or by agent before the undersigned on the 15th of December 1882, at Rahuri, Taluka Rahuri, in the Ahmednagar Collectorate, and in case of their failure so to appear the claimants shall forfeit their right thereto and the aforesaid treasure shall be disposed of in the manner stated in the said Act.

_____,
Mamletdar, Rahuri.

RAHURI,
The 14th June 1882.

COMPTROLLER GENERAL'S OFFICE.

PRELIMINARY ACTUALS.

11th July 1882.

TELEGRAPHIC STATEMENT OF RECEIPTS AND OUTGOINGS FROM TREASURIES DURING JUNE 1882.

Thousands of Rupees.

Receipts.	Civil Revenue.	Civil Debt and Remittance Heads.	Forest, Telegraph, and Marine.	Post Office.	Guaranteed and Subsidized Railways.	Military Department.	P. W. Department.	Opening Balance.	TOTAL.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
India General ...	11,37	2,69,86	50	3,11	4,89	89	42,67	3,64,51	6,97,80
Central Provinces	14,94	14,29	82	2,20	...	41	1,25	70,95	1,04,86
British Burmah ...	17,44	10,46	1,98	2,43	...	6	1,21	36,83	70,41
Assam ...	3,71	7,36	13	1,40	...	3	3	19,39	32,05
Bengal ...	1,66,68	52,01	1,63	6,30	1	27	5,15	1,43,92	3,75,97
N.-W. Provinces and Oudh ...	1,34,75	1,09,34	82	2,55	4,32	1,07	11,40	2,18,82	4,83,07
Punjab ...	64,42	67,31	75	3,38	7,36	1,37	7,16	88,22	2,39,97
Madras ...	65,25	80,71	75	3,41	10,30	94	34	1,74,46	3,36,16
Bombay ...	52,59	3,32,59	2,18	3,53	38,67	68	2,10	1,89,11	6,21,45
Remittance Adjustment ...	...	...	...	...	...	...	...	6,45	6,45
TOTAL RECEIPTS ...	5,31,15	9,43,93	9,56	28,31	65,55	5,72	71,31	13,12,66	29,68,19
Outgoings.									
India General ...	19,22	2,45,39	1,36	37	2,84	17,48	15,93	3,95,21	6,97,80
Central Provinces	5,57	15,30	41	13	...	3,15	2,94	77,36	1,04,86
British Burma ...	5,53	19,09	1,05	35	...	2,03	5,57	36,79	70,41
Assam ...	2,99	7,15	25	18	...	80	72	19,96	32,05
Bengal ...	35,47	1,37,91	1,17	6,09	15	2,26	16,10	1,76,82	3,75,97
N.-W. Provinces and Oudh ...	26,82	1,23,31	99	8,35	3,47	18,74	8,21	2,93,18	4,83,07
Punjab ...	21,32	52,66	74	3,34	2,98	28,11	18,07	1,12,75	2,39,97
Madras ...	29,51	1,19,65	1,32	3,73	4,13	15,30	5,51	1,57,01	3,36,16
Bombay ...	28,84	3,29,53	4,05	3,63	15,00	17,42	12,55	2,10,43	6,21,45
Remittance Adjustment ...	...	6,45	...	...	...	...	...	...	6,45
TOTAL OUTGOINGS	1,75,27	10,56,44	11,34	26,17	28,57	1,05,29	85,60	14,79,51	29,68,19

SUMMARY OF ACCOUNTS FOR THE THREE MONTHS ENDING JUNE 1882.

Lakhs of Rupees.

	RECEIPTS.					OUTGOINGS.				
	ACCOUNTS		TELEGRAPHIC.	Total 3 months	Budget Estimate, 3 months	ACCOUNTS		TELEGRAPHIC.	Total, 3 months.	Budget Estimate, 3 months.
	Till April.	May.	June.			Till April.	May.	June.		
Civil Revenue	4,21	4,90	5,31	14,42	13,91	...	...	...	...	...
Civil Expenditure	...	...	...	...	...	2,69	2,39	1,75	6,83	6,77
Military Department	6	5	6	17	31	1,03	1,03	1,05	3,11	3,06
Public Works Department ...	61	70	71	2,02	1,82	1,08	84	86	2,78	3,01
Forest, Telegraph, and Marine Departments (net)	...	...	...	...	...	2	1	2	5	3
Post Office Department (net) ...	3	2	2	7	...	...	...	...	...	2
Guaranteed and Subsidized Railways ...	51	47	37	1,35	79	...	...	...	...	...
Imperial Loan	...	...	...	...	...	1	4	52	57	54
Council Bills, including Exchange ...	...	...	...	...	...	2,12	1,23	60	3,95	4,62
Mint and Coinage Accounts ...	...	...	...	...	...	37	35	...	72	...
Civil Debt and Remittance (net) ...	43	—17	...	26	19	...	...	...	...	...
Total ...	5,85	5,97	6,47	18,29	17,02	7,32	5,89	4,80	18,01	18,05
Opening Balance	14,52	13,05	13,13	14,52	14,20	...	...	...	...	...
Closing Balance	...	...	...	...	...	13,05	13,13	14,80	14,80	13,17
GRAND TOTAL ...	20,37	19,02	19,60	32,81	31,22	20,37	19,02	19,60	32,81	31,22

J. WESTLAND,

Comptroller-General.

ACCOUNTANT GENERAL'S OFFICE.
Public Works Department.

NOTIFICATION.

Statement of the Monthly Accounts of the several Branches of the Public Works Department received in the Office of the Accountant General, Public Works Department, up to the 1st July 1882.

PUBLIC WORKS (BUILDINGS AND ROADS AND MILITARY WORKS BRANCH) AND TELEGRAPH.

Order of receipt.	Accounting Offices.	Last month for which received.	Date of receipt.
1	Punjab	Apl. 1882	June 15, 1882
2	Coorg	Do. „	Do. 16, „
3	Port Blair	Do. „	Do. 20, „
4	Assam ... ... / Beluchistan Agency ...	Do. „	Do. 21, „
6	Rajputana	Do. „	Do. 24, „
7	Bengal ... ... / Hyderabad (Imperial) ... / Central India... ... / Hyderabad (Assigned Districts).	Do. „	Do. 26, „
11	Madras ... ... / Bombay ... ... / Mysore ...	Do. „	Do. 27, „
14	British Burmah ...	Mar. „	Do. 6, „
15	Military Works ...	Do. „	Do. 10, „
16	Central Provinces ...	Do. „	Do. 14, „
17	North-Western Provinces and Oudh.	Do. „	Do. 23, „

TELEGRAPH.

Order of receipt.	Accounting Offices.	Last month for which received.	Date of receipt.
1	Indian Telegraph...	Apl. 1882	July 1, 1882
2	Indo-European „ ...	Mar. „	May 23, „

IRRIGATION.

Order of receipt.	Accounting Offices.	Last month for which received.	Date of receipt.
1	Punjab	Apl. 1882	June 19, 1882
2	Assam	Do. „	Do. 21, „
3	Rajputana	Do. „	Do. 24, „
4	Bombay	Do. „	Do. 26, „
5	Madras	Do. „	Do. 27, „
6	Bengal	Do. „	Do. 30, „
7	British Burmah ...	Mar. „	Do. 6, „
8	North-Western Provinces and Oudh.	Do. „	Do. 23, „

GUARANTEED RAILWAYS.

Order of receipt.	Accounting Offices.	Last month for which received.	Date of receipt.
1	Punjab	Apl. 1882	June 15, 1882
2	State Railway Stores Branch.	Do. „	Do. 21, „
3	Bombay ... ... / Bengal	Do. „	Do. 26, „
5	Madras	Do. „	Do. 27, „
6	North-Western Provinces and Oudh.	Mar. „	Do. 23, „

STATE RAILWAYS (CAPITAL).

Order of receipt.	Accounting Offices.	Last month for which received.	Date of receipt.
1	Punjab Railway Survey ...	May 1882	June 24, 1882
2	Garo Hills Survey ...	Do. „	Do. 27, „
3	Umritsar & Pathancote ...	Apl. „	Do. 14, „
4	Central Bengal ...	Do. „	Do. 15, „
5	Nalhati ... ... / Patna & Gya ... / State Railway Stores Branch.	Do. „	Do. 19, „
8	Rajputana	Do. „	Do. 20, „
9	Bhopal ... ... / Wardah Coal ... ... / Nagpur-Chhattisgarh ... / Punjab Northern ... / Dhond & Manmad ... / Kandahar	Do. „	Do. 21, „
15	Indus Valley	Do. „	Do. 22, „
16	Sindia	Do. „	Do. 23, „
17	Bengal Railway Surveys ... / Calcutta & South-Eastern / Northern Bengal ... / Tirhoot ... ... / Rewari-Ferozepore ... / Southern Mahratta ...	Do. „	Do. 26, „
23	Rangoon and Irrawaddy Valley. / Rangoon & Sittang Valley / Chotanagpur Railway Surveys.	Do. „	Do. 27, „
26	Nizam's	Do. „	Do. 29, „
27	Holkar ... ... / Muttra-Hathras ... / Cawnpore-Farukhabad ...	Do. „	Do. 30, „
30	Bhavnagar & Gondal ...	Do. „	July 1, „
31	Indore-Nasirabad ...	Mar. „	May 27, „
32	Sitapur-Pilibhit Survey ...	Do. „	June 3, „
33	Bombay Railway Survey...	Do. „	Do. 6, „
34	Cawnpore-Farukhabad Extension / Bhowpore-Kalpi ...	Do. „	Do. 7, „
36	Achneyra-Muttra ... / Bundlekund Ry. Survey...	Do. „	Do. 8, „
38	Ghazipore-Dildarnagar ...	Do. „	Do. 12, „
39	Calcutta & South-Eastern Extension.	Do. „	Do. 13, „
40	Patna & Bahraich ...	Do. „	Do. 17, „
41	East Indian	Do. „	Do. 19, „
42	Bareilly-Pilibhit ...	Feb. „	May 6, „

STATE RAILWAYS (REVENUE).

Order of receipt.	Accounting Offices.	Last month for which received.	Date of receipt.
1	Nagpur-Chhattisgarh ...	Apl. 1882	June 17, 1882
2	Nalhati	Do. „	Do. 20, „
3	Patna & Gya ... / Wardah Coal ... ... / Punjab Northern ... / Khamgaon ... ... / Oomraoti	Do. „	Do. 21, „
8	Indus Valley	Do. „	Do. 22, „
9	Northern Bengal ... / Tirhoot ... ... / Rajputana	Do. „	Do. 24, „
12	Calcutta & South-Eastern / Bhavnagar & Gondal ...	Do. „	Do. 26, „
14	Rangoon and Irrawaddy Valley.	Do. „	Do. 27, „
15	Nizam's	Do. „	Do. 29, „
16	Muttra-Hathras ... / Cawnpore-Farukhabad ...	Do. „	Do. 30, „
18	Sindia	Mar. „	Do. 19, „
19	East Indian	Do. „	Do. 19, „

Simla, the 6th July 1882.

L. CONWAY-GORDON, *Major, R.E.,*
Offg. Accountant General, P. W. Dept.

ORDERS BY THE VICE-CHANCELLOR AND SYNDICATE OF THE CALCUTTA UNIVERSITY.

The following subjects are appointed for the Examinations of 1884-85 :—

ENTRANCE EXAMINATION, 1884.

GREEK.

Xenophon ... Anabasis, Books I and II.
Homer ... ... Iliad, Book I.

LATIN.

Cornelius Nepos ... Vitæ (the whole).

SANSKRIT.

Sahityasangraha ... Rajanikanta Gupta.

ARABIC.*

Selections from the Alif Laylah prepared for the Higher Standard Examination of Military and Civil Officers.

PERSIAN.

Iqd-i-Gul ... ... Pages 1 to 105.
Iqd-i-Manzum.

HEBREW.

The Book of Genesis.

BENGALI.†

Selections by the Rev. K. M. Banerjea, D.L.

URDU.†

Selections in Prose by Raja Sivaprasad, C.S.I.
Selections in Poetry by Mr. Browning.

HINDI.

Rámáyana ... ... Balkánda.
Rajniti ... ... The first two chapters.

URIYA.

Rámáyana ... ... Sundrakanda.
Jiban Charita ... Translation from Ishwarchandra Vidyasagara, by Fakeer Chand Senapati.
Raghuvansa. ... ... The whole.

ARMENIAN.*

History of Armenia ... Books I—III.

BURMESE.

Zeneka.
Dhamma Padha-ga-hta ... Selections (Rangoon Mission Press, 1873).

PALI.

Pali Miscellany, by Professor Trenckner (28 pages of text).
Selections from the Jatakas (Professor Fausböll's edition), the Apannajataka (36 pages of text).

FIRST EXAMINATION IN ARTS, 1884.

ENGLISH.

Milton ... ... Paradise Lost, Book I.
Scott ... ... Lady of the Lake.
Goldsmith ... ... The Traveller.
Dowden ... ... Life of Southey (Morley's English Men of Letters).
Creighton ... ... Life of Sir Walter Ralegh.
Sir Alexander Grant ... Xenophon (Ancient Classics for English Readers).
Stopford Brooke ... Primer of English Literature, Chapters V and VI.

GREEK.

Herodotus ... ... Book IV.
Euripides ... ... Hecuba.

LATIN.

Virgil ... ... Æneid, Book VI.
Cicero ... ... Pro Archia and Pro Milone.
With passages of Latin authors not prescribed beforehand, to be translated into English.

SANSKRIT.

Bánabhatta ... ... Shriharsa Charita, Uchchhvása V.
Kalidása ... ... Raghuvánsa, Cantos X—XV.

ARABIC.†

Selections by Mr Kempson.

HEBREW.

Genesis.
Ruth.
Psalms I—XLI.

PERSIAN.

Sih nasar-i-Zahuri ... First 50 pages.
Ruquat-i-Mirza Bedil ... Ditto.
Qasaid-i-Urfi ... Ditto.
Sekandar Namah ... Ditto.

PALI.

Jatakas (Fausböll's edition); Vaggo I—IV, pages 95—234.
Dhammapada (Fausböll's edition); the first Bhanavaram, pages 1—35.

BENGALI SUBJECTS FOR FEMALE CANDIDATES.

Sivanath Sastri ... Nirbásitarvilip.
Akshaykumar Datta ... Dharmaniti.

PHYSICAL SCIENCE.

Ganot's Popular Natural Philosophy, 4th Edition... Book I, omitting articles 12 13 and 62—75. Book II, omitting articles 107—110. Book III, omitting articles 124—131.
Book V, omitting articles 240—242; 252; 258—262; 268—271; 273—277; 279; 282—287; 293—298.
Book VI, omitting articles 370—372; 374; 377; 378; 381—393; 396; 397.
Book VII, omitting articles 407—409.
Book VIII, omitting articles 502—508.

MENTAL AND MORAL SCIENCE.

Logic ... ... Jevons's Elementary Lessons in Logic, Chaps. I—XXI.

HISTORY.

Smith ... ... Smaller History of Greece.
Creighton ... ... Primer of Roman History.

MATHEMATICS.

Todhunter (5th Edition) ... Algebra, Chaps. I—XXVIII; XXX—XXXVI; XXXVIII and XXXIX to the end of article 547.

Or any book covering the same ground.

Wilson ... ... Elementary Geometry (Edition 1881), Books I—V.
Wilson ... ... Conic Sections, Chaps. I and II, and the first two theorems of Chap. III.
Hamblin Smith ... Trigonometry.

B. A. EXAMINATION, 1885.

ENGLISH.

PASS COURSE.

Shakespeare ... ... Hamlet, Henry V, Tempest (with Dowden's Shakespeare Primer).
Milton ... ... Samson Agonistes.
Tennyson ... ... Guinevere and The Passing of Arthur.
Palgrave ... ... Golden Treasury, Book III.
Milton ... ... Areopagitica.
Burke ... ... Thoughts on the causes of the Present Discontents.
Macaulay ... ... Selections from the writings of, by Trevelyan.

HONOUR COURSE.

(In addition to the subjects for the Pass Course).

A

Marlowe ... ... Faustus.
Sidney ... ... Apology for Poetry.
Matthew Arnold ... Essays in Criticism.
Spenser ... ... Faery Queene, Book I.

Permanent Subjects.

Earle ... ... The Philology of the English Tongue.
Shaw ... ... Outlines of English Literature.

B

Balfour Stewart ... Conservation of Energy.
Sir J. Herschel ... Natural Philosophy.
" ... ... Familiar Lectures on Scientific Subjects.
Huxley ... ... Critiques and Addresses.
Kingsley ... ... Glaucus.
" ... ... Scientific Lectures and Essays.
Tyndal ... ... Fragments of Science.

* Urdu Guide Press.
† Messrs. Thacker, Spink & Co.

PASS COURSE.

GREEK.

Sophocles ... ... Philoctetes.
" ... ... Electra.
Demosthenes ... ... De Corona.
Æschines ... ... In Ctesiphontem.

HONOUR COURSE.

(*In addition to the subjects for the Pass Course*).

Thucydides ... ... Book II.
Euripides ... ... Bacchæ.
Plato ... ... Phædo.

Permanent Subject.

Peile ... ... Primer of Philology.

LATIN.

PASS COURSE.

Horace ... ... Odes, Epodes.
Cicero ... ... Pro Murena.
Tacitus ... ... Histories, Books III, IV, V.

HONOUR COURSE.

(*In addition to the subjects for the Pass Course*).

Martial ... ... Select Epigrams edited by Stephenson.
Cicero ... ... De Officiis, I.
Virgil ... ... Æneid, VII, VIII.

Permanent Subject.

Peile ... ... Primer of Philology.

SANSKRIT.

PASS COURSE.

Bánabhatta ... ... Kádambarí, Uttarabhága, p. 85 in the Calcutta Edition of Samvat 1919 to the end: (beginning with the words *Kádambarí vihasya pratyavádit Apyunmattika kuto saya &c.*)
Bháravi ... ... Kirátárjuníya, Cantos I—IV.

HONOUR COURSE.

(*In addition to the subjects for the Pass Course*).

Bánabhatta ... ... Kádambarí, Uttarabhága (the whole).
Bháravi ... ... Kirátárjuníya, Cantos XI—XIV.
Max Müller ... ... Lectures on the Science of Language, Vol. I.

HEBREW.

PASS COURSE.

Samuel, I and II.
Chronicles, I and II.
Psalms, XC—CL.
Proverbs.

HONOUR COURSE.

(*In addition to the subjects for the Pass Course*).

Isaiah.
Ezekiel.
The History of the Hebrew Language and Literature.

ARABIC.

PASS COURSE.

Tarikh-i-Yamani ... } As contained in Selections by Col. Lees.
Nafaha Tut ... ... }
Hamasah ... ... }
Mutanabbi ... ... }

HONOUR COURSE.

(*In addition to the subjects for the Pass Course*).

Makamat ul Hariri.
Tarik-hi-i-Timuri ... First half.
Hamasha ... ... First 84 pages.
Banut Suad.

PERSIAN.

PASS COURSE.

Vekai Niamat Khan Ali ... The first half.
Durra-i-Nadiri ... 50 pages from page 181.
Qasaid-i-Khaqani ... First 50 pages.
Qasaid Badar Chachi ... Ditto.

HONOUR COURSE.

(*In addition to the subjects for the Pass Course*).

Aklak-i-Jalali.
Inshai Abul Fazl.
Hafiz ... ... First half, pages 1—125.

PALI.

Text-books have not been appointed.

BENGALI SUBJECTS FOR FEMALE CANDIDATES.

Karnarjuna Kavya ... First six Cantos, by Baladeva Palit.
Vahyavatursahita Manavaprakritir Sambandha Vichar, by Akshaykumar Datta.

MENTAL AND MORAL SCIENCE.

PASS COURSE.

Mansel ... ... Metaphysics (omitting Ontology).
Jardine ... ... Elements of Cognition.
Calderwood ... ... Handbook of Moral Philosophy.
Bain ... ... Mental and Moral Science.

HONOUR COURSE.

(*In addition to the subjects for the Pass Course.*)

Ueberweg ... ... History of Philosophy, Vol. II.
Ueberweg ... ... System of Logic and History of Logical Doctrines.

Or

Flint ... ... Theism.
Butler ... ... Analogy of Natural and Revealed Religion, Part I.

MATHEMATICS.

PASS COURSE.

W. G. Willson ... Elementary Mechanics.
Besant ... ... Elementary Hydrostatics, Chaps. I—VII.

HONOUR COURSE.

(*In addition to the subjects for the Pass Course*).

Salmon ... ... Conic Sections, (6th Edition), Chaps. I—III, V—VIII to the end of article 116, X—XIII.
Williamson ... ... Differential Calculus, Chaps. I—V, VIII, XI—XVII.
Todhunter ... ... Integral Calculus, Chaps. I—VII.

Or the corresponding articles in Williamson's Integral Calculus.

HISTORY.

PASS COURSE.

HISTORY OF ENGLAND.

Green ... ... Short History of the English People.

HISTORY OF INDIA.

Wheeler ... ... Short History of India.
Elphinstone ... ... History of India, Books V—XI.

HISTORIES OF GREECE AND ROME.

Smith ... ... Student's History of Greece.
Liddell ... ... Student's History of Rome.

POLITICAL ECONOMY.

Fawcett ... ... Manual of Political Economy.

HONOUR COURSE.

(*In addition to the subjects for the Pass Course*).

Capes ... ... The Early Empire.
" ... ... The Age of the Antonines.
Bagehot ... ... The English Constitution.
Mill ... ... Political Economy.

PHYSICAL SCIENCE.

PHYSICS.

The full Course.

Deschanel ... ... Elementary Treatise on Natural Philosophy.
Clerk Maxwell ... Matter and Motion.

The Elements of Physics.

Miller ... ... Chemical Physics (Part I of the Elements of Chemistry), omitting Chap. IV, Sec. 2; Chap. V, Sec. 2; Chap. VI, Secs. 1, 2, 4, 5, 6, 7.

CHEMISTRY.

The full Course.

Miller ... ... Elements of Chemistry, Part II.
Armstrong ... ... Organic Chemistry.

The Elements of Chemistry.

Fownes ... ... Inorganic Chemistry.

The Doctrine of Scientific Method.

Jevons ... ... Principles of Science.

PHYSIOLOGY.

Huxley and Martin ... Elementary Biology.
Kirkes ... ... Handbook of Physiology.
Huxley ... ... Comparative Anatomy of the Invertebrata.
Thomé ... ... Text-book of Botany, translated by Bennet (the Physiological Sections).

The Doctrine of Scientific Method.

Jevons ... ... Principles of Science.

BOTANY.

Thomé ... ... Text-book of Botany, translated by Bennet.

Henfrey ... ... Elementary Course of Botany, edited by Masters.

Oliver ... ... First Book of Indian Botany.

Sach ... ... Text-book of Botany, translated by Bennet and Dyer, Book I.

The Doctrine of Scientific Method.

Jevons ... ... Principles of Science.

ZOOLOGY.

Huxley ... ... Comparative Anatomy of the Vertebrata.

Huxley ... ... Comparative Anatomy of the Invertebrata.

Nicholson ... ... Introductory Text-book of Zoology.

Wallace ... ... Geographical distribution of animals.

Jerdon ... ... Mammals and Birds of India.

Theobald ... ... Descriptive Catalogue of the Reptiles of British India.

The Doctrine of Scientific Method.

Jevons ... ... Principles of Science.

GEOLOGY.

Lyell ... ... Principles and Elements of Geology.

Geikie ... ... Manual of Geology (Ed. 1882).

Nicholson ... ... Palæontology.

Manual of the Geology of India ... ... Introduction and Chaps. V—X, XVI—XVIII.

The Doctrine of Scientific Method.

Jevons ... ... Principles of Science.

MINERALOGY.

Brooke and Miller ... Mineralogy.

Scheerer and Blanford ... Introduction to the use of the Mouth Blowpipe.

The Doctrine of Scientific Method.

Jevons ... ... Principles of Science.

PHYSICAL GEOGRAPHY.

Huxley ... ... Physiography.

Somerville ... ... Physical Geography.

Blanford ... ... Meteorology of India.

Scheerer and Blanford ... Introduction to the use of the Mouth Blowpipe.

Plattner ... ... Manual of qualitative and quantitative analysis with the Blowpipe.

The Doctrine of Scientific Method.

Jevons ... ... Principles of Science.

HONOUR EXAMINATION, 1884.

ENGLISH.

Poetry and Drama.

Chaucer ... ... Prologue and Knight's Tale.

Shakespeare ... ... As you like it; Richard II; Cymbeline; Henry IV, Parts I and II.

Villiers .. ... The Rehearsal.

Pope ... ... Selections from, edited by Thomas Arnold (London Series of English Classics).

Byron ... ... Childe Harold, Book IV.

Prose.

Sir Thomas Browne ... Hydriotaphia or Urn Burial.

Carlyle ... ... On Heroes.

De Quincy ... ... The Cæsars.

Bagehot ... ... Literary Studies, Vol. I (without the Appendix).

George Eliot ... ... Silas Marner.

Mill ... ... Essay on Liberty.

M. A. EXAMINATION, 1885.

ENGLISH.

Chaucer ... ... Prologue and Knight's Tale.

Shakespeare ... ... As you like it; Richard II; Cymbeline; Henry IV, Parts I and II.

Villiers ... ... The Rehearsal.

Pope ... ... Selections from, edited by Thomas Arnold (London Series of English Classics).

Byron ... ... Childe Harold, Book IV.

Gosson ... ... Schoole of Abuse (Arber's English Reprints).

Sir Thomas Browne ... Hydriotaphia or Urn Burial.

Carlyle ... ... On Heroes.

De Quincy ... ... The Cæsars.

Bagehot ... ... Literary Studies, Vol. I (without the Appendix).

George Eliot ... ... Silas Marner.

Mill ... ... Essay on Liberty.

Permanent Subjects.

Morris ... ... Historical English Accidence.

Smith ... ... Student's Manual of English Language.

Taine ... ... History of English Literature, translated by Van Laun.

Dowden ... ... Shakespeare's Mind and Art.

Sweet ... ... Anglo-Saxon Primer.

Sayce ... ... Introduction to the Science of Language.

HONOUR EXAMINATION, 1884.

GREEK.

Homer ... ... Iliad, first twelve Books.

Pindar ... ... Olympic Odes.

Æschylus ... ... Prometheus and Agamemnon.

Sophocles ... ... Œdipus Tyrannus and Antigone.

Euripides ... ... Hecuba and Medea.

Aristophanes ... ... Knights, Clouds and Frogs.

Herodotus ... ... Books II and III, to the end of Chap. LXVI.

Thucydides ... ... Books VI and VIII.

Demosthenes ... ... Orations against Leptines and Meidias.

Plato ... ... Republic.

Aristotle ... ... Politics.

M. A. EXAMINATION, 1885.

GREEK.

Homer ... ... Iliad, Books I—XII.

Pindar ... ... The whole.

Æschylus ... ... Prometheus, Agamemnon, Eumenides.

Sophocles ... ... Œdipus Tyrannus, Ajax, Antigone.

Euripides ... ... Hecuba, Medea, Ion.

Aristophanes ... ... Knights, Clouds, Frogs and Birds.

Herodotus ... ... Books II and III, to the end of Chap. LXVI.

Thucydides ... ... Books VI, VII, VIII.

Demosthenes ... ... Orations against Leptines and Meidas and de Falsa Legatione.

Plato ... ... Republic, Theætetus.

Aristotle ... ... Politics.

Permanent Subjects.

Sayce ... ... Introduction to the Science of Language.

Mahaffy ... ... History of Classical Greek Literature.

HONOUR EXAMINATION, 1884.

LATIN.

Virgil ... ... Georgics; Æneid, first six Books.

Horace ... ... Odes, Epodes, Satires I (except 2 and 8), Epistles I, De Arte Poetica.

Juvenal ... ... Satires (except 2, 6, 9).

Persius ... ... Satires.

Lucretius ... ... Books I and VI.

Catullus ... ... 1, 2, 3, 4, 9, 12, 22, 30, 31, 46, 49, 51, 63, 64, 65, 66.

Plautus ... ... Aulularia.

Terence ... ... Andria.

Livy ... ... Books XXI—XXV.

Sallust ... ... Bellum Catilinarium.

Cicero ... ... Orations against Catiline, first Book of Letters to Atticus and De Officiis.

Tacitus ... ... Histories.

M. A. EXAMINATION, 1885.

LATIN.

Virgil ... ... Bucolics (with the exception of II); Georgics; Æneid, Books I—VI.

Horace	Odes; Epodes; Satires I (with the exception of 2 and 8); Epistles I; De Arte Poetica.
Juvenal	Satires (except I, VI and IX).
Persius	Satires.
Lucretius	Books I, V, and VI.
Catullus	1, 2, 3, 4, 9, 12, 22, 30, 31, 46, 49, 51, 63, 64, 65, 66.
Plautus	Aulularia, Captivi.
Terence	Andria, Heauton Timorumenos.
Livy	Books XXI—XXV.
Sallust	Bellum Catilinarium, Bellum Jugurthinum.
Cicero	Second Philippic, de Natura Deorum.
Tacitus	Histories.

Permanent Subjects.

Sayce	Introduction to the Science of Language.
Cruttwell	History of Roman Literature.

HEBREW.

Isaiah.
Jeremiah.
Ezekiel.
The Minor Prophets.
Psalms.
Proverbs.
Job.
Ecclesiastes.
Song of Solomon.
Daniel.
Ezra.
Nehemiah.

Permanent Subjects.

Robertson Smith ...	Old Testament in the Jewish Church.
Davidson	Introduction to the Old Testament.
Ewald	History and Antiquities of Israel.
Sayce	Introduction to the Science of Language.

HONOUR EXAMINATION, 1884, AND M. A. EXAMINATION, 1885.

ARABIC.

Hamasah	The whole.
Mutanabbi	
Makamat i-Hariri ...	
Saba-i-Moallakah ...	

HONOUR EXAMINATION, 1884, AND M. A. EXAMINATION, 1885.

PERSIAN.

Poetry.

Firdausi	Shahnamah, Vol. I.
Khakani	Tuhfat u'l Irakayn.
Badar Chachi	Kasaid.
Hakim Sanai	Hadikoh.
Anwari	Diwan.
Habil Kaani	Kasaid, 1st half.

Prose.

Sasau V	Dasatir.
Fuzlu'llah Shirazi ...	Wassaf, Vols. I, II, III.
Abu'l Fazl	Akbar Namah, Vol. I.
Mulla Tughra ...	Ruksat.
Munshi Muhammad Mahdi	Durrai Nadiri.

RHETORIC.

Shamsúddin Fakir ..	Hadaiku'l Balaghat.

PROSODY.

Sayfi ...	Uruz.
Jami ...	Kawafi.

Candidates are also required to possess a knowledge of Arabic, to the extent laid down in the Course for the First Examination in Arts.

HONOUR EXAMINATION, 1884.

SANSKRIT.

Kalidása	Vikramorvasi.
Bhatti	Bhattikavya, VI—IX.
Bhavabhuti	Viracharita, Uttaracharita.
Sudraka	Mrichchakatika.
Bánabhatta	Kádambarí.
Shriharsa	Naishadhacharita, II, III, XIV, XVII.
Magha	Sisupalabadha, XIII—XVI.
Vyasa and Sankara ...	Vedanta Sutra, with Sankara Bhashya, II Adhyaya, 2nd Pada.

Katha Upanishad with Sankara Bhashya.

Rig Veda Sanhita ...	1st and 2nd Adhyayas.
Mammata Bhatta ...	Kavya Prakasa.
Jagadisa	Tarkamrita.
Vachaspati Misra ...	Tattwa Kaumudi.
Panini	Karaka, Samasa, as in the Siddhanta Kaumudi.

For the History of Sanskrit Literature, the following books are recommended:—

(1) Weber's History of Indian Literature.
(2) Colebrooke's Miscellaneous Essays, edited by Professor E. B. Cowell.
(3) Max Müller's History of Ancient Sanskrit Literature.
(4) Goldstucker's Panini.
(5) Wilson's Essays on the Religion of the Hindus (Rost's Edition).

M. A. EXAMINATION, 1885.

SANSKRIT.

Kalidása	Sakuntala.
Bhavabhuti	Mahavira charita, Malati Madhava.
Vasakhadatta... ...	Mudra Rakshasa.
Bánabhatta	Kádambari, Purvabhaga.
Shriharsa	Naishadacharita, I—V.
Mágha	Sisupalabadha, I—V.
Vyasa and Sankara ...	Vedanta Sutra, with Sankara Bhashya, II Adhyaya, 1st, 2nd Padas.
Visvanatha Panchanna ...	Bhashaparichched with Siddhanta Muktavali (omitting and from the latter the sections on *vyapti*, *pakshtava* and hetvabhasha).
Mammata Bhatta ...	Kavya Prakasa.
Vachaspati Misra ...	Tattwa Kaumudi.

Chhandogya Upanishad with Sankara Bhashya.

Rig Veda Sanhita ...	1st and 2nd Adhyayas.
Panini	Vaidika Prakaiya, as contained in Siddhanta Kaumudi.

Permenent Subjects.

Monier Williams ...	Indian Wisdom.
Max Müller	History of Ancient Sanskrit Literature.
Weber	History of Indian Literature.
Muir	Sanskrit Texts, Vols. III IV and V.

M. A. EXAMINATION, 1885.

HISTORY.

(*a*)	No text-books.	
(*b*)	Hallam	Middle Ages, Chap. VIII, Part 3, and notes.
	Hallam	Constitutional History of England.
	Erskine May ...	Constitutional History of England.
(*c*)	As a period:— The History of Europe during the 16th Century.	
	Hume	History of England.
	Froude	History of England.
	Robertson ...	Charles V.
	Prescott	Phillip II.
	Motley	Rise of the Dutch Republic.
	Motley	United Netherlands.
(*d*)	Guizot	History of Civilization.
	Mill	Representative Government.
	Austin	Jurisprudence, Chaps. V and VI.
	Wheaton	International Law, Parts I and II.
(*e*)	Adam Smith ...	Wealth of Nations.
	Mill	Political Economy.
	Leone Levi ...	History of British Commerce.

M. A. EXAMINATION, 1885, AND SUBSEQUENT YEARS.

MENTAL AND MORAL SCIENCE.

(In addition to the Books prescribed for Pass and Honour Course, B.A.)

Mansel	Prolegomena Logica.
Mill	Logic.
Jevons	Principles of Science.
Hamilton	Lectures, Vols. I and II.
Mill	Examination of Sir William Hamilton's Philosophy.
McCosh	Examination of J. S. Mill's Philosophy.
Kant	Prolegomena and Critique of Pure Reason by Mahaffy.
Descartes	Discourse on Method.
Berkley	Principles of Human Knowledge.
Archer Butler... ...	Lectures on Ancient Philosophy.
Sidgwick	Methods of Ethics.
Mill	Utilitarianism.
Bain	The Emotions and the Will.
Butler	Dissertation on Virtue, Sermons 1—3.
Herbert Spencer ...	First Principles.

Natural Theology.

Flint	Antitheistic Theories.
McCosh	Method of Divine Government.
Caird	Introduction to the Philosophy of Religion.
Max Müller	Lectures on the Science of Religion.

Evidences of Christianity.

Paley	Evidences of Christianity.
Butler	Analogy of Natural and Revealed Religion. Part II.
Christlieb	Modern Doubt and Christian Belief.
Mozley	Lectures on Miracles.

MATHEMATICS.

Todhunter	Algebra.
"	Trigonometry.
"	Theory of Equations, Chaps. I, III—XXII and XXVIII to the end.
Salmon	Conic Sections.
Frost	Solid Geometry, Vol. I.
Williamson	Differential Calculus.
Williamson	Integral Calculus.
Boole	Differential Equations, Chaps. I—XII (first Edition).
Todhunter	Statics.

(Or the corresponding articles in Minchin's Statics).

Tait and Steele ...	Dynamics of a Particle.
Besant	Hydromechanics.
Parkinson	Optics.
Todhunter	Spherical Trigonometry.
Godfray	Treatise on Astronomy.
Newton	Principia (edited by Main).
Routh	Rigid Dynamics, Chapter I (omitting Ellipsoids of inertia, Equimomental bodies, and principal axes), Chaps. II—IV.

NATURAL AND PHYSICAL SCIENCE, 1885.
M. A. EXAMINATION.

A. CHEMISTRY.

Roscoe and Schorlemmer ...	Treatise on Chemistry.
Valentin	Inorganic Chemistry.
"	Qualitative Chemical Analysis.
Thorpe	Quantitative Chemical Analysis.

B. ELECTRICITY AND MAGNETISM.

Faraday	Experimental Researches in Electricity, Vol. I.
Clerk Maxwell ...	Elementary Treatise on Electricity.
Linnæus Cumming ...	Introduction to the Theory of Electricity.
H. Lloyd	Magnetism.

C. HEAT AND THE ELEMENTS OF MOLECULAR PHYSICS.

Maxwell	Theory of Heat.
Tait	Thermodynamics, Chaps. I and II.
Baynes	Lessons on Thermodynamics.
Dixon	Treatise on Heat.
Fourier	Analytical Theory of Heat, Chaps. I and II.

D. BOTANY.

Asa Gray	Structural Botany.
Sach	Text-book of Botany (translated by Bennet and Dyer).
Balfour	Palæontological Botany.
Lyell	Elements of Geology (the sections on Palæobotany).
Roxburgh	Flora Indica, Clarke's Edition (for reference in identifying Indian plants).

E. PHYSIOLOGY AND ZOOLOGY.

(In addition to the text-books for the M. A. Examination).

Gegenbaner	Comparative Anatomy.
Foster	Text-book of Physiology.
Gamgee	Physiological Chemistry of the Animal Body.
Balfour	Comparative Embryology.
Herbert Spencer ...	Principles of Biology.
Darwin	Origin of Species.

F. GEOLOGY AND MINERALOGY.

Lyell	Principles and Elements of Geology.
Geikie	Manual of Geology, 1882.
Nicholson	Palæontology.
Woodward	Manual of the Mollusca.
Owen	Palæontology.
Ramsay	Physical Geology and Geography of Great Britain (5th or subsequent Edition). Manual of the Geology of India, Vols. I and II. Memoirs and Records of the Geological Survey of India, Palæontologica Indica.
Brooke and Miller ...	Mineralogy.
Dana	System of Mineralogy.

G. BELLETT,
Registrar.

SENATE HOUSE,
The 7th July 1882.

Weekly Statement of Silver tendered, of Certificates issued, and Silver Balance in the Mint.

DATE.	SILVER TENDERED, ESTIMATED VALUE.	CERTIFICATES ISSUED ON		BALANCE OF BULLION		
		General Treasury.	Currency Department.	Under Assay.	Assayed.	Held on account of the Currency Department.
1882.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
July 3	...	28,036	...	...	66,22,559	31,75,956
" 4	...	15,249	...	...	64,26,274	31,48,022
" 5	...	26,682	...	...	63,28,511	31,22,988
" 6	...	20,974	...	...	63,31,055	30,94,895
" 7	...	35,387	...	...	63,34,360	30,61,682
" 8	...	20,821	...	...	61,36,131	30,42,088

CALCUTTA MINT,
The 10th July 1882.

J. F. TENNANT, *Col., R.E.,*
Mint Master.

CURRENCY NOTES.

The following Currency Notes of the Government of India are stated to have been lost, and payment of their value has been claimed by the persons whose names are placed against the numbers. Any other person having these Notes in his possession, or claiming a right to them, is

warned to communicate at once with the undersigned :—

Calcutta Circle.

NOTES PARTIALLY LOST OR DESTROYED.

Regr. No.	No. of Notes.	Value.	Name of Claimant.
		Rs.	
81	O 96—38916	100	Babu Issur Chunder Banerjee.
82	P 10—65172	100	Babu Issur Chunder Chakravarti.
	„ —65173	100	
	„ —65174	100	
	„ —65175	100	
83	P 10—17538	100	Babu Bisessur Nath.
	O 97—15669	100	
	„ —92498	100	
85	P 10—22047	100	Babu Kunjo Mohan Shaha.
86	P 10—06824	100	The Deputy Post Master General, Eastern Bengal, Dacca.
88	O 65—67925	50	Babu Chintamony Roy.

CALCUTTA,
The 14th July 1882.

J. TAYLOR,
Asst. Comptlr. Genl., Paper Currency.

Lahore Circle.

NOTE WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Note.	Value.	Name of Claimant.
		Rs.	
8	E 19—15041	50	Baron John Bentinck, Treasury Officer, Sealkote.

LAHORE,
The 8th July 1882.

W. H. EGERTON,
for *Depy. Commr. of Paper Currency.*

Report of a Deserter from the E-2nd Royal Regiment of Artillery, dated at Kurrachee, this 4th day of July 1882.

Number, Rank, and Name,—No. 11653—R.A., Gunner Thomas Snowdon.
Age,—26 years 11 months.
Size,—5 feet 8 inches.
Colour of—
Complexion, fresh; Hair, light; Eyes, blue.
Date of Desertion,—3rd July 1882.
Place of Desertion,—Kurrachee.
Date of Enlistment,—18th May 1874.
At what Place Enlisted,—Edinburgh.
Parish and County in which Born,—Byka, Newcastle-on-Tyne, Northumberland.
Marks,—Rather round-shouldered, and has a spring in his walk.
Trade,—Clerk.
Coat or Jacket,—White.
Waistcoat,—
Breeches or Trowsers,—White.
REMARKS,—
Under 9 years' service.

A. DUNNAGE, *Captain,*
Comdg. E-2nd R.A.

Report of a Deserter from the 2nd Battalion, Leicestershire Regiment of Foot, dated at Jubbulpore, this 11th day of July 1882.

Number, Rank, and Name,—No. 181, Lance Corporal John Rainer.
Age,—27 years.
Size,—5 feet 9 inches.
Colour of—
Complexion, fresh; Hair, light brown; Eyes, grey.
Parish and County in which Born,—St. Margarets, Leicester.
Marks,—None.
Trade,—Labourer.
Coat or Jacket,—
Waistcoat,— ...
Breeches or Trowsers,— ...
(Last seen in a suit of white clothing.)
Date of Desertion,—8th July 1882.
Place of Desertion,—Jubbulpore.
Date of Enlistment,—30th May 1874.
Place of Enlistment,—Leicester.
REMARKS,—
Under 8 years six months' service.

C. G. GRANT, *Colonel,*
Comdg. 2nd Battn., Leicestershire Regt.

Report of a Deserter from the 2nd Battalion, Leicestershire Regiment of Foot, dated at Jubbulpore, this 11th day of July 1882.

Number, Rank, and Name,—No. 2592, Private John Auld.
Age,—27 years 10 months.
Size,—5 feet 9 inches.
Colour of—
Complexion, sallow; Hair, black; Eyes, blue.
Parish and County in which Born,—Belfast.
Marks,—Anchor and letters M. C. on right fore-arm.
Trade,—Labourer.
Coat or Jacket,—
Waistcoat,— ...
Breeches or Trowsers,— ...
(Last seen in a suit of white clothing.)
Date of Desertion,—8th July 1882.
Place of Desertion,—Jubbulpore.
Date of Enlistment,—18th September 1879.
Place of Enlistment—Canterbury.
REMARKS,—
Under 3 years' service.

C. G. GRANT, *Colonel,*
Comdg. 2nd Battn., Leicestershire Regt.

WANTED

For the Narsingpur District, Central Provinces, for about twenty months, from 1st October 1882, two Surveyors on a salary of Rs. 30 each per mensem.

Applications with copies of testimonials to be addressed to G. J. Nicholls, Esq., Deputy Commissioner, Narsingpur.

L. A. MAHOMED,
Extra Assistant Commissioner,
for *Deputy Commissioner.*

NOTICE.

Waste Lands available for Planters in the Tavoy District.

Waste lands, covered at present with forest, bamboos or grass, are available for plantations of coffee, tea, cinchona, or spices at altitudes varying from 100 feet to 6,800 feet above the sea in the Tavoy district. This region is between the 13th and 14th parallels of north latitude, and the rainfall ranges from 190 to 220 inches a year. The lands are mostly within 30 to 50 miles of the steamer station of Thayetchoung on the Tavoy river. Mail steamers ply between Thayetchoung and Moulmein or Rangoon once a week inwards and outwards.

II.—Grants of land in lots ranging from 100 to 1,200 acres can be had for planting tea, coffee, cinchona, or spices on application to the Deputy Commissioner of Tavoy. Such grants will be made in accordance with the "Burma Land and Revenue Act, 1876," and with the rules sanctioned thereunder by the Governor General of India in Council. Copies of the Act and rules can be obtained by intending planters on application to the Deputy Commissioner of Tavoy, the Commissioner of Tenasserim at Moulmein, or the Secretariat, Rangoon.

III.—In addition to the concessions and conditions laid down in the Act and rules, the following special concessions will be made to persons taking up land for plantations of coffee, tea, cinchona, or spices in Tavoy, namely,—

(1) A grantee must bring under cultivation one-third of his grant within 12 years from the date of his obtaining the grant. If, after the expiration of 12 years, any surplus uncultivated land, in excess of two acres of waste for each acre of cultivated land, shall remain on the grant, such surplus waste shall then revert to Government; and the grantee shall have no further claim or right in the surplus which has so reverted.

(2) A grantee will not be liable to pay any land revenue or any price for the land of his grant until the end of the tenth year after he enters on possession, provided that he takes *bonâ fide* steps to cultivate a reasonable proportion of the grant with coffee, tea, cinchona, or spices. In the event of any grantee desiring a more precise definition of a "reasonable proportion," the Chief Commissioner may decide beforehand in each case what proportion of the grant ought to be thus cultivated in each year.

(3) After the end of the tenth year the grantee will be liable to pay land revenue at the rate of Rs. 1-4-0 per acre and cesses at the rate of two annas per acre on one-third of his grant up to the year 1900 A. D.; after the expiration of such year he will be liable to pay for one-third of his grant the same revenue rate as is paid for garden lands in the nearest revenue circle where a garden rate obtains.

(4) A grantee will not be called upon to pay anything for timber, bamboos, or grass which he may cut upon his grant, provided he takes *bonâ fide* steps as aforesaid to cultivate coffee, tea, cinchona, or spices.

IV.—The only payment which a grantee will have to make on receiving his grant will be eight annas an acre for the cost of survey and demarcation. In consideration of such payment the Deputy Commissioner will cause a survey to be made of the grant, will furnish the grantee with a copy of such survey, and will cause boundary marks to be erected at suitable points in the outer boundary of the grant.

V.—The wishes of applicants will be met as far as possible in regard to the situation and shape of their grants. But ordinarily—

(*a*) no grant will be given where the Forest Department intend to make a forest reserve;

(*b*) no grant will be given on such a place as will unduly circumscribe the extension of cultivation of the grazing grounds of any neighbouring village or hamlet;

(*c*) grants facing a road or navigable stream will have to be of a depth double the length facing such road or navigable stream;

(*d*) small strips will be reserved leading to landing places for the benefit of neighbouring villages and grantees.

VI.—The Government is now spending much larger sums than heretofore on roads in the Tavoy district. If planters settle in the district, further funds will be allotted for roads from their neighbourhood to the steamer station at either Tavoy or Thayetchoung.

VII.—In order to encourage pioneers in the coffee and cinchona enterprise in Tavoy, the Government will pay to the first four grantees who begin *bonâ fide* planting operations Rs. 15 per head for every Indian or Chinese coolie, male or female, over 16 years of age, who may be settled and housed on their plantations before the 1st March 1885.

VIII.—In any case of doubt regarding the *bonâ fide* character of operations for the purposes of concessions III and VII, the Deputy Commissioner will decide, and his decision will be subject to appeal to the Commissioner of Tenasserim, whose decision will be final.

IX.—All minerals and metals under and within the lands granted under these rules are reserved by Government, together with a right to enter upon and resume such portion of land as may be necessary for examining or working mines upon payment of just compensation to the grantee for loss of, or injury done to, the surface.

G. D. BURGESS,
Secy. to the Chief Commr., British Burma.

The 6th April 1882.

COMMISSARIAT NOTICE.

The following five Government elephants are now for sale at Agra and Bareilly.

2. Offers are invited, both for purchase of these animals, and also for exchange of good female elephants suitable for Government purposes in place of these, and any reasonable offers will be accepted by the Commissary General.

3. Applications to inspect the elephants and offers for purchase or exchange may be made to the Assistant Commissaries General, Agra and Bareilly, respectively:—

Description of Elephants.

Where for sale.	Register No.	Name.	Sex.	Height.	Probable age.	Tusks.	Eyes.	Number of Nails.	Tail.	Back.	Temper	Condition.	REMARKS.
				ft. in.									
At Agra.	668	Saika ...	Male	8 4½	45	Perfect ...	Blind off-side.	18	No hair ...	Hollow in centre from wound in youth.	Good	Good	Fit for sowari purposes; never been musth; head and tusks fine; carriage good.
	1847	Louis Napolean.	Do. ...	9 7	39	One on off-side.	Perfect ...	18	Short of hair.	Good ...	Vicious.	Do. ...	A fine elephant, unsafe for Government purposes, but Rajahs, &c., might buy him for fighting purposes.
	1670	Watson ...	Do. ...	8 9	37	One on off-side split slightly.	Do. ...	18	Do. ...	Do. ...	Uncertain.	Do. ...	A very fine animal, fit for anything, but troublesome at times.
	459	Nazirguj ...	Do. ...	8 11	47	Two, off one broken.	Do. ...	18	No hair ...	Do. ...	Do. ...	Do. ...	Unsafe for Government work; a very fine elephant indeed, suitable for fighting purposes.
At Bareilly.	1783	Hastings ...	Do. ...	9 4	59	One broken.	Good ...	18	Good ...	Centre ridge of bone rather high.	Good	Low...	Fit for howdah and shooting purposes.

W. G. SMITH, *Major,*
Officiating Deputy Commissary General.

DEPY. COMMSY. GENL.'S OFFICE,
CENTRAL CIRCLE, LUCKNOW,
The 20th June 1882.

POST OFFICE.

NOTIFICATIONS.

Simla, the 5th July 1882.

No. 3547.—Appointments in the Post Office Department made by the Director General of the Post Office of India :—

POSTAL CIRCLE, N.-W. PROVINCES.

Lala Piari Lal is appointed to be Superintendent of the Fatehpur Division.

Lala Debi Prasad is appointed to be Manager of the Dead Letter Office, Allahabad.

Lala Raj Narain is appointed to be a Superintendent of the 4th Grade and Examiner of Head Office Accounts.

Moulvi Habibul Rahman Ahmed is appointed to be an Examiner of Head Office Accounts.

Lala Shumbhu Nath is appointed to be Superintendent of the Jhansi Division.

Mr. E. B. MacDonald is appointed to be Superintendent of the Gorakhpur Division.

Mr. H. D. Theobold is appointed to be Superintendent of the Mirzapore Division.

Lala Brij Lal is appointed to officiate as a 2nd Grade Superintendent and is attached to the Office of the Postmaster General, North-Western Provinces.

Mr. C. E. Mountfood is appointed to be Post Master of Cawnpore.

Mr. J. A. Collins is appointed to be Post Master of Agra.

Lala Luchmi Saran is appointed to officiate as Manager of the Dead Letter Office, Allahabad.

G. J. HYNES,

Asst. Dir. Genl. of Post Office of India.

Unclaimed Letters held in the Calcutta General Post Office on 9th July 1882.

Anderson, Mrs. G.	Hector, A.	Munroo, H.
Archer, F.	Herman. Mr.	Renouf, A. G.
Bolton, John.	Howard, R.	Simpson, Mrs. C.
Bristow, Miss E.	Johnson, C. L.	Staley, A. B.
Devellervi, B.	Lee, B.	Syndale, S. C.
Dossoboy, C.	Maccado, Mrs.	

Letters marked "Care of Post Office."

Antonio, D.	Hankivez, C.	"Moy."
A. Z.	Hartley, S. R.	Munro, W.
Bailey, J. R.	Harvey, Sir Charles.	Orinstein, Signiori
Borcavetz, Abraham.	Hearne, T.	Scapria.
Bockman, C.	Herbert, Mrs. R.	Peerotti, H.
Bose, K. B.	Howard, Percy.	Pereira, E. S. B.
Bose, P. N.	Jacky, Monsieur R.	Procter, W.
C. B. A.	James, E.	Rex, Miss.
C. B. & Co.	Jox, Henry.	Rhodes, D.
Concannon, J.	Kanai Lall Seal.	Rock, Mr.
Cooper, Frank.	Kegel, F. G. M.	Span, J. M.
Cresswell, G. W.	Kennedy, R. H.	Stagg, J. E.
Crow, Mrs. Eliza.	Kennet, C. A.	Stevens, Mrs.
Dino Nath Mullick.	Lissant, S. H.	Stobie, Lt. J. C.
Dodds, F. L.	Mackenzie, H. W. K.	Strachan, E.
Driscoll, D. O.	"Marah."	Strongs, W. S.
Dun, E. W.	Massy, J.	Thomas, W. H.
Edmond.	McIntyre, J.	Traiche, Miss E.
Egan, Mrs. E.	McReynolds, John.	Warnier, M.
G. L.	Mill Wm. F.	Wright, Mrs. H.
Garanger, George.	Morrison, D. J.	W. S. G.
Girls Chunder Turufdar.		

Registered Letters.

Curren, W. A.	Howard, E.	"Queenie."
"E. D."		

SEA AND FOREIGN MAILS.

The 14th July 1882.

Foreign Mails for	Date.	Per Steamer
	1882.	
Persian Gulf	21st July	From Bombay.
Madras, Ceylon and Intermediate Ports .	20th "	Str. *Hasara.*
Colombo, Penang, Singapore, Hong-Kong, Shanghai, Yokohama and Australian Colonies	25th "	From Bombay.
Foreign Mails *viâ* Bombay	22nd "	From Bombay.*
Do. Book Post and Pattern Packets .	21st "	From Bombay.
Rangoon, Moulmein, and Straits . . .	19th "	Str. *Purulia.*
Chittagong, Akyab, Kyouk Phyoo, and Rangoon	20th "	Str. *Satara.*
Madras, Ceylon, Batavia, Singapore and China	17th "	French Str. *Tibre.*
Straits and Hong-Kong	18th "	Strs. *Lennox* and *Japan.*

* Also for Cape Town and Natal *viâ* England ; also *viâ* Aden for Mauritius, Mahé (Seychelles), Mayotte, Nossi Be and Réunion, can be forwarded by this opportunity.

N.B.—The letter-box will close at 7 P. M. precisely; after which hour foreign letters, fully prepaid and bearing an extra postage stamp of four (4) annas on each cover, will be received up to 7-30 P. M.

E. HUTTON,

Presidency Post Master.

Meteorological Publications for Sale.

The following publications of the Meteorological Office of the Government of India are on sale and can be procured at the Meteorological Office, No. 4, Middleton Row, or either at Messrs. Thacker, Spink & Co., or at Messrs. Brown & Co., at the prices noted against them :—

	Rs.	A.	P.
Report on the Meteorology of India, in 1875, 4to., 89 pages text, 297 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India, in 1876, 4to., 97 pages text, 340 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India in 1877, 4to., 173 pages text, 375 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India, in 1878, 4to., 149 pages text, 380 pages tables, 3 plates, 4 charts ...	8	0	0
Indian Meteorological Memoirs, Vol. I, Part I, 4to., 118 pages, 9 plates	2	8	0
Indian Meteorological Memoirs, Vol. I, Part II, 4to., 63 pages, 4 plates	1	8	0
Indian Meteorological Memoirs, Vol. I, Part III, 4to., 86 pages, 2 plates	1	8	0
Indian Meteorological Memoirs, Vol. I, Part IV, 4to., 62 pages, 8 plates	1	8	0
Rainfall Chart of India, showing the average annual distribution of rainfall (in colors)	1	0	0
Report on the Vizagapatam and Backergunge Cyclones, October 1876, 4to., 87 pages, 4 plates ...	2	0	0
Report on the Madras Cyclone, May 1877, 4to., 117 pages text, 97 pages tables, 5 plates ...	2	8	0

HENRY F. BLANFORD,

Meteorological Reporter to Government of India.

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A few sets of the Bengal Law Reports (Volumes 1 to 15) are available at Messrs. Thacker, Spink & Co., Calcutta, at Rs. 375 a set.

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Hydrographic Notices—

No. 1. Rangoon River. *Annas 4.*
„ 2. Cancelled; superseded by Notice No. 8. *Annas 4.*
„ 3. Cancelled; superseded by Notice No. 18. *Annas 4.*
„ 4. Cancelled; superseded by Notice No. 23. *Annas 4.*
„ 5 Kyouk Phyou Harbour. *Annas 4.*
„ 6. Salween (Maulmain) River. *Annas 4.*
„ 7. Approaches to Point de Galle Harbour. *Annas 4.*
„ 8. Mergui Archipelago. Pages 7 to 10 of this Notice superseded by Notice No. 18. *Annas 4.*
„ 9. Indus Banks and Kurrachee. *Annas 4.*
„ 10. Pámban (Paumben) Pass. *Annas 4.*
„ 11. Andaman Islands. *Annas 4.*
„ 12. Jiddah Harbour, Red Sea. *Annas 4.*
„ 13. Red Sea. Navigation, inshore Passages, 1878. *Annas 4.*
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„ 19. Africa, East Coast, Pemba Island and adjacent Coast *Annas 4.*
„ 20. India, West Coast, the coast from Kundari Island to Chaul, and the harbours of Dabhol and Jaygad. *Annas 4.*
„ 21. Arabian Coast, Rás Matbakh, 1880. *Annas 4.*
„ 22. Red Sea. Notes from various sources, 1880. *Annas 4.*
„ 23. Coast of Orissa False Point Harbour and Approaches. *Annas 4.*
„ 24. India, West Coast, Harbours of Karwar and Bankot. *Annas 4.*
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„ 26. Red Sea. Notes from various sources, 1880, 1881. *Annas 4.*

Notices to Mariners.

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Notices to Mariners issued during the year 1875—

No. 1. Fixed Light on Green Island, Hong-Kong, China.
„ 2. Malwan Rock, Malwan.
„ 3. Fixed white Light at Dwarka, Kattywar.
„ 4. Mooram Shulli Tivo Island, and Devil's Point, Gulf of Manaar.
„ 5. (1) Fixed Light at Vizagapatam.
(2) Coral Shoal of Caltura, Ceylon.
(3) Rock off Barberyn Island.
„ 6. Foundering of the Buoy Vessel *Mata Mata*, Rangoon.
„ 7. (1) Revolving Light near Acheen Head, Malacca Strait.
(2) Auxiliary Light to above.

* Published by Messrs. Allen & Company, Pall Mall, London.

Notices to Mariners issued during the year 1876—

No. 1. Temporary discontinuance of Hope Island Light during repairs to Light-house column, Coromandel Coast.
„ 2. Exhibition of Hope Island Light, Coromandel Coast.
„ 3. Prohibited anchorage near the British Indian Submarine Telegraph Cable, Madras.
„ 4. (1) Pulo Brasse auxiliary Light, Malacca Strait.
(2) Island between Pulo Nias and Sumatra.
„ 5. Vessels trading to Réunion, Indian Ocean.
„ 6. Replacement of the Buoy on the western edge of Dolphin Shoal, Chittagong Coast.
„ 7. China Bakeer Light, Martaban Gulf.
(2) Intended exhibition of Light on the Oyster Reef, Akyab.
„ 8. Fixed white Light at Verawal.
„ 9. Buoyage of Kyouk Phyou, British Burma.
„ 10. Fixed white Light at Bet or Beyt (Gulf of Cutch), Kattywar.
„ 11. Fixed white Light at Porbandar, Kattywar.
„ 12. (1) Displacement of the Buoy in Narakel Roadstead, Cochin.
(2) Buoy marking the Smooth-water anchorage to the southward of Alipee (Aulapolay), Travancore.
„ 13. (1) Intended Light on Pulo Pisang, Malacca Strait.
(2) Sunken reef in Siberoet Strait, Sumatra, West Coast.
„ 14. Deposit of stone mound at the end of the breakwater Colombo, Ceylon.
„ 15. Period of exhibition of the *blue* Light during the South-west monsoon, from the Eastern Channel Light-vessel at the entrance to River Hooghly.
„ 16. Rock near west end of Pulo Brasse.
„ 17. (1) Beacon on two fathom patch off Batticaloa Road, Ceylon.
(2) Suspension of Light at Vizagapatam.
„ 18. Directions for Kurrachee Harbour.
„ 19. Beacon on two fathom patch off Batticaloa Road, Ceylon.
„ 20. Fixed Light at Calingapatam Point, Coromandel Coast.

Notices to Mariners issued during the year 1877—

No. 1. Alteration in Manora Point Light, Kurrachee.
„ 2. Dangers at Goa and Marmagao Roadstead.
„ 3. Existence of rocky patches, Beypore.
„ 4. Pooree Port limits, Orissa Coast.
„ 5. Extension of the Hajamri Mouth of the River Indus.
„ 6. Red Lights at Port Victoria, Mahé, Seychelles.
„ 7. Light at Port Berbereh, Gulf of Aden.
„ 8. Rock off Hingie Island, Bassein River.
„ 9. Rock off Pegu Coast.
„ 10. Coral Patch near Sultan Shoal, Singapore Strait.
„ 11. "Intermediate" Light-ship, entrance to River Hooghly.
„ 12. Position of Cochin Light-house.
„ 13. Position of Raleigh Rock, and additional beacons, Bombay.
„ 14. Buoy, marking Gindurah Rock, Galle.
„ 15. Alteration in Manora Point Light, Kurrachee; and discovery of a bank near Towak Island, Red Sea.
„ 16. Dangerous rocks in Forrest Strait, Mergui Archipelago and Richelieu Rock off Kopah Inlet.
„ 17. Alteration in position of "Intermediate" Light-ship, entrance to River Hooghly.
„ 18. Destruction of the Krishna Shoal Light house.
„ 19. Correct position of Santipilly Light-house.
„ 20. Anchorage Buoys in Madras Roadstead.
„ 21. Light-vessel near Krishna Shoal, Burma.
„ 22. Additional information, Krishna Shoal Light-vessel and Light at Pooree.
„ 23. Alteration of position of Chittagong Lights.
„ 24. Night Signals shown by British Pilot Vessels in the English Channel.

Notices to Mariners issued during the year 1878—

No. 1. Position of Middle Ground, Bombay.
„ 2. Error in position of Krishna Shoal Light-vessel.
„ 3. New Lights in Sunda Strait, &c.
„ 4. Corrected position of Krishna Shoal Light-vessel.
„ 5. Alteration of colour of Chittagong beacons, and intended alteration in Dolphin Rock Light, Bombay.
„ 6. Alteration of Malwan Light.
„ 7. Kintoan Light-vessel, Yang-tse-Kiang.
„ 8. Burgess Rock off Hingie Island, Bassein River, Burma.
„ 9. Fairway Buoy at False Point, Orissa.
„ 10. (1) Intended Light and Fog Signal on Little Basses Rocks, Ceylon.
(2) Intended alteration in Great Basses Rocks Fog Signal.
„ 11. Corrected positions of Zebayir Islands, Jebel Zukur and the Hánish Islands, Red Sea.

No. 12. Fog Signals and distinguishing marks for Light-vessels, River Hooghly.
„ 13. Exhibition of Light on Little Basses Rocks, Ceylon.
„ 14. Beacon on Chaul Kadu Rock, Bombay.
„ 15. Shoal near Tumb Island (Jazirat Tanb), Persian Gulf.
„ 16. Light at Batticaloa, Ceylon.
„ 17. Upper Gasper Light-vessel, entrance to river Hooghly.
„ 18. Red Lights on North Groyne of Harbour Works, Madras.
„ 19. Reported shoal, N. N. E. of Bahrein, Persian Gulf.
„ 20. Alteration of colour of Light at Klang Strait, Strait of Malacca.
„ 21. Additional information concerning the reported shoal, N. N. E. of Bahrein.
„ 22. Deposit of stone, eastward of Harbour Works, Madras.
„ 23. Reported Shoal, North-West of Cheduba Island.
„ 24. Exhibition of blue Lights and Maroons at Krishna Shoal Light-vessel.
„ 25. Deposit of stone, eastward of Harbour Works, Madras (additional information).
„ 26. Vessels prohibited from anchoring near the Sub-marine Telegraph Cable between Diamond Island and the mainland.
„ 27. Intended exhibition of a revolving Light at Vakalapudi, in the Godavery District.

Notices to Mariners issued during the year 1879—

No. 1. Permanent moorings for Eastern Channel Light-vessel entrance to Hooghly River.
„ 2. Sunken danger in Mergui Archipelago.
„ 3. Revolving Light at Vacalapudi in the Godavery District.
„ 4. Intended alteration in False Point Light.
„ 5. Shifting of the entrances to Honore (Honawar) and Mangalore, on the Malabar Coast.
„ 6. Fixed Light at Roji (Nowa Nugga) in the Gulf of Cutch.
„ 7. Fixed Light at the entrance to Toona Creek in the Gulf of Cutch.
„ 8. Fixed Light at Goapnath Point in the Gulf of Cambay.
„ 9. Wreck-marking vessels.
„ 10. The alteration in the position and improvement of Pooree Port Light.
„ 11. Shoal coral ground in Strait of Banka.
„ 12. Delagoa Bay. Removal of Cockburn Light-vessel in bad weather.
„ 13. (1) Alteration in position of Beacons and Leading Lights—Burnett River Entrance, Australia.
(2) Fixed Light on Flat-top Islet—Pioneer River—Rocky Islets.
(3) Revolving Light on Low Isles—Trinity Bay.
(4) Leading Lights at Cook Town—Endeavour River Entrance—Cook Harbour.
„ 14. Sunken dangers between Alguada Reefs and Diamond Island—Bay of Bengal.
„ 15. Flashing white Light on Puysegur Point—New Zealand.
„ 16. Dangerous rocks, N. N. W. and S. E. of the southernmost of the Brothers Islands—Andaman Islands.
„ 17. Australia—South Coast—Gulf of St. Vincent.
(1) Prohibited anchorage near Telegraph Cable, Port Phillip.
(2) Buoys marking battery practice range at William's Town.
(3) Fixed and Flashing Light on North Reef.
„ 18. Longitude of the Time Ball, Calcutta, and of Saugor Light-house, River Hooghly.
„ 19. (1) Discontinuance of additional Light at Fourth Point—Sunda Strait—Java.
(2) Shoal in the Fairway to Batavia Road.
(3) Fixed Light on Meinder's Reef—Madura Strait.
„ 20. (1) Shoal ground westward of Durnford Point—South Coast of Africa.
(2) Distinguishing features marking the entrance to Tugela River.
(3) Distinguishing entrance to Umhloti River.
„ 21. Buoys off Karwar Harbour (Sadashigar).
„ 22. (1) Alterations in Lights at St. Paul and St. Denis, Réunion Island.
(2) Harbour Light at St. Pierre.
„ 23. Buoys off Kárwar Harbour (Sadashigar).
„ 24. Buoys and Beacons, Zanzibar Harbour.
„ 25. Alteration of False Point Light—Coast of Orissa.
„ 26. Red Buoy marking smooth-water anchorage off Porcaud, Alleppey.
„ 27. Change in the Anchorge Limits of the Port of Madras.
„ 28. Intended discontinuance of Light at El-weg (Sherm Wej-h), Red Sea.
„ 29. Interval of intended exhibition of blue Lights and Rockets at False Point Light-house.
„ 30. Replacing of the buoys at the entrance to Cochin Harbour and extinguishing of Narrakel Light.
„ 31. Range of visibility of the Light exhibited from Krishna Shoal Light-vessel.
„ 32. Light at Batticaloa.
No. 33. Black buoys laid down in Calicut Roadstead to mark the limits of foul ground.
„ 34. Light at Batticaloa.
„ 35. Replacing of the buoys off Karwar Harbour (Sadashigar)
„ 36. Telegraph buoy, south of Aden.
„ 37. Black buoy off Point Gordeware (Godavery).
„ 38. Light at Batticaloa.
„ 39. Exhibition of a leading Light in Suez Bay.
„ 40. Madras Semaphore.
„ 41. Black buoy off Point Gordeware (Godavery).
„ 42. Madras Semaphore.
„ 43. Buoys at Calicut.

Notices to Mariners issued during the year 1880—

No. 1. Prohibited anchorage near the telegraph cables in Zanzibar Harbour.
„ 2. Discontinuance of Maroon Lights at Krishna Shoal Light-vessel.
„ 3. Exhibition of the new fixed Light at False Point.
„ 4. Extension of the period of exhibition of the "Intermediate" Light at the entrance to the Hooghly River.
„ 5. Alterations in the position and visibility of the Light exhibited from Port Canning, Singapore.
„ 6. Alteration of position and elevation of the red Light at Cannanore.
„ 7. Discontinuance of the exhibition of Maroons from the Light-vessels of the Hooghly River.
„ 8. Fixed Light at Tolkeshwar, Dadhol or Anjanvel.
„ 9. Lights at Port Ibrahim, Suez.
„ 10. Changes in the buoyage of the port, Madras.
„ 11. Intended alteration of Kenery (Kundari) Island Light.
„ 12. Flashing Light on Flat Cape, Sunda Strait.
„ 13. Destruction of First Point Light house, Java.
„ 14. Harbour Light at Beliling, Baly Island.
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„ 19. Lights at Port Ibrahim, Suez (additional information).
„ 20. Intermittent flashing Light on Pulo Undan, Malacca Strait.

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„ 2. Rules for regulating the entry and departure of vessels using Madras Harbour.
„ 3. Re-exhibition of Light on First Point, Java.
„ 4. Light at Tagal, Java.
„ 5. Beacon on Borongo Island, Akyab.
„ 6. Discontinuance of Armeghon light and intended change of colour of Pulicat Light.
„ 7. Tidal semaphore at entrance to Chittagong River.
„ 8. Alteration of colour of Light at Ratnagiri.
„ 9. Red Light on Colombo breakwater.
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„ 11. Alterations to Lights at Paumben and Tellicherry.
„ 12. Particulars of Light at First Point, Java.
„ 13. Alteration in character of Light at Flat Cape, Sumatra.
„ 14. Removal of north buoy, Madras Harbour.
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„ 20. Beacon on Tucker's patch, Bombay Harbour.
„ 21. Fixed Light at Pulicat.
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„ 23. Occasional observation of light at False Point.
„ 24. Breaking adrift of Kárwar rock buoy, Kárwar or Sadashivgad.
„ 25. Date of exhibition of permanent white Light at Calicut.
„ 26. Alteration of colour of Katubdea Light-house, Chittagong coast.
„ 27. Exhibition of red and green Lights at Pondicherry.
„ 28. New beacon on Kal-ah-kebirah Shoal, Gulf of Suez.
„ 29. Reported coral reef off Batticaloa.
„ 30. Revised rules for vessels using Madras Harbour.
„ 31. Wreck buoy to mark wreck of Mariana, Madras Coast.
„ 32. Removal of the Red Buoy off the head of the South Harbour Pier, Madras.
„ 33. Temporary exhibition of a small dioptric Light at the Eastern Grove Light-house, at the entrance to the Rangoon River.
„ 34. Reported incorrect position of Crocodile Rock, Cadiapatam or Muttum Point.
„ 35. Replacing of Kárwar Rock buoy, Kárwar or Sadashivgad.

No. 36. Date of re-exhibition of the permanent Light at Eastern Grove, at the entrance to the Rangoon River.
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„ 40. Revolving Light to be exhibited from a Light-vessel to be anchored off the Formosa Bank, Malacca Strait.

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„ 9. Changes in the bar at the entrance to the Chittagong River.
„ 10. Position of the Pilot's Ridge Light-vessel in the approaches to the Hooghly River.
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SUPPLEMENT TO

The Gazette of India.

№ 28.} CALCUTTA, SATURDAY, JULY 15, 1882.

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GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

CIVIL WORKS.

Irrigation.

REVENUE REPORTS OF IRRIGATION WORKS IN THE NORTH-WESTERN PROVINCES AND OUDH FOR 1880-81.

Nos. 208-22 I., dated Simla, the 29th June 1882.

RESOLUTION—By the Government of India, Public Works Department.

Read—

Letter from the Secretary to the Government of the North-Western Provinces and Oudh, No. 1150I., dated 6th May 1882, and enclosure, being the Revenue Report of Irrigation Works in the North-Western Provinces for 1880-81, and a Resolution of His Honor the Lieutenant-Governor reviewing the Report.

OBSERVATIONS.—The capital expenditure during the year under review amounted to Rs. 21,60,535, and the total outlay on Capital Account to Rs. 6,49,59,486 up to the end of 1880-81. Of this amount Rs. 5,93,89,821 have been expended on Productive Public Works, and Rs. 55,69,665 on works of irrigation and navigation chargeable to Provincial Funds.

2. The total amount of interest on capital cost of works of all kinds during the year amounted to Rs. 26,80,296, and the accumulated balance of interest charges remaining unpaid at the end of the year to Rs. 84,08,747. The unpaid balance was reduced by Rs. 3,52,297 during the year under review, the unpaid balance at the end of the year 1879-80 having been Rs. 87,61,044.

3. The actual receipts from all sources amounted to Rs. 49,38,705, the total receipts for the year 1879-80 having amounted to Rs. 53,58,105. The decrease in amount of revenue actually collected during 1880-81 is due to the collections on account of the very large "rabi" irrigation of 1878-79 (which are shown as receipts of 1879-80) having been much in excess of those on account of "rabi," 1879-80, which appear in the receipts of 1880-81.

4. A juster estimate of the results of the year's operations will, however, be obtained by a comparison of its assessed revenue with that of previous years, although the transfer of the two terminal divisions of the Upper to the Lower Ganges Canal, and the rapid extension of irrigation on the latter make fair comparison either of results obtained from the two great canals or of total results

very difficult. The assessments of 1880-81 are compared below with those of the two previous years :—

Year.	Direct revenue assessed.	Indirect share of land revenue.	Total.
	Rs.	Rs.	Rs.
1880-81	44,94,306	9,50,747	54,45,053
1879-80	37,26,528	9,65,955	46,92,483
1878-79	42,47,274	10,77,701	53,24,975

When it is remembered that 1878-79 was a year of drought in the North-Western Provinces, when the rains commenced late and ceased early in September, the effect on the revenue of the new channels and extensions is very apparent.

5. The working expenses, including indirect charges, amounted to—

Year.	Working Expenses.
	Rs.
1880-81	19,06,112
1879-80	18,39,611
1878-79	16,12,172

The increase in cost of maintenance during 1880-81 is partly due to increase of maintenance charges on the new canals and extensions, and partly to the heavy outlay on repairs necessitated by the extraordinary floods of September 1880. The increase would have been much greater, but for a large decrease in establishment charges amounting to Rs. 2,17,106, due to the large reductions in the Engineer establishment carried out at the close of the previous year.

6. The net assessed revenue, after deduction of all working expenses for each of the three years, amounted to—

Year.	Net revenue.	Percentage on capital outlay to end of year.
	Rs.	
1880-81	35,38,941	5·45
1879-80	28,52,872	4·54
1878-79	37,12,803	6·11

The Lower Ganges Canal has, however, not yet had time to come into full operation, and the influence of its capital and maintenance charges is very considerable in reducing the percentage of net returns on capital invested.

The percentage of net revenue of 1880-81 upon capital outlay to end of 1880-81 upon the more important canals amounted to—

Upper Ganges Canal	5·14 per cent.
Lower Ganges Canal	4·58 „
Eastern Jumna Canal	25·26 „
Agra Canal	3·15 „

7. The areas irrigated are compared below for 1880-81 and the two previous years :—

Canals.	1880-81.	1879-80.	1878-79.
	Acres.	Acres.	Acres.
Upper Ganges	664,927	596,259	806,368
Lower Ganges	583,471	*402,365	*419,555
Eastern Jumna	235,862	240,233	291,950
Agra	141,405	57,197	123,578
Other Works	107,031	104,351	95,200
TOTALS .	1,732,696	1,400,405	1,736,651

* Irrigation of the Cawnpore and Etawah Terminal Division deducted from the Upper and added to the Lower Ganges Canal in these years to facilitate comparison.

The great increase of irrigation on the Agra Canal occurred principally in the "rabi" of 1880-81, a strong demand having been met by a good supply in the river. The increase on the Lower Ganges Canal is due not only to the new channels which began to work during the "rabi" of 1880-81, but to the good and steady supply of water furnished by the Narora head to the Cawnpore and Etawah Terminal Divisions of the Upper Canal, which have been transferred to the Lower one. The average proportion of kharif to rabi irrigation during the three years 1878-79 to 1880-81 was very nearly 2 : 3; but it is expected that, as the irrigation of indigo is developed on the Lower Ganges Canal, the proportion of kharif irrigation will be increased. 13½ per cent. of the irrigated area was double cropped during 1880-81, the proportion having been almost exactly the same during the previous year.

8. The irrigating duty done and water-rate earned by each cubic foot per second of water entering the canal head, were as follows:—

Canal.	1880-81.		1879-80.		1878-79.	
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Upper Ganges	173	436	189	460	239	579
Eastern Jumna	233	664	231	671	248	741
Agra	135	367	64	186	127	356

Uncertainty about correctness of the volumes shown as entering the head of the Upper Ganges Canal prevents much reliance being placed on the figures given for that canal.

A like uncertainty has led to the exclusion of the Lower Ganges Canal from the table, but no time should be lost in clearing up all doubts on the subject of the volumes discharged by these two most important canals.

The effect of the uncertain hot weather supply and the high water-rates in force on the Agra Canal is very apparent in the sudden drop in the value of a cubic foot of water in the year of good rainfall, 1879-80.

9. The maintenance charges per acre irrigated are given below for the four principal canals and the whole area irrigated:—

	Per acre irrigated. Maintenance charge, 1880-81.
Upper Ganges Canal	1·33
Lower Ganges Canal	0·75
Eastern Jumna Canal	0·92
Agra Canal	1·55
Whole area irrigated	1·10

The close coincidence of the maintenance rate per acre irrigated with that obtained in the Punjab for the same year (Rs. 1·09) is remarkable. Extraordinarily heavy floods, however, entailed unusual outlay upon repairs of the Upper Ganges, Eastern Jumna, and Agra Canals.

10. The gross receipts under head of "Navigation" during 1880-81 were Rs. 27,832 against Rs. 27,978 in the previous year; but the net income was Rs. 16,048 against Rs. 4,262 of 1879-80, owing to reduction of expenditure. Some particulars are given below of the traffic during 1880-81 and the two previous years:—

	1880-81.	1879-80.	1878-79.
Average number of boats plying	270	259	259
Average load of each boat . mds.	431	440	437
Number of rafts	525	358	401
Total tonnage . tons	65,322	60,914	73,231
Total ton-mileage . "	7,899,401	7,531,624	10,687,507

The passenger traffic is quite insignificant, only 83 passengers having been registered during 1880-81.

The Government of India will be glad to hear of the completion of the connection between the Ganges Canal and the Sind, Punjab and Delhi Railway by the proposed siding at Muradnagar.

11. The cost of collecting the canal water-rates as given on page 13A of the Report, *viz.*, 3·30 per cent. of collections made in the districts watered by the Upper Ganges Canal, is very moderate. A similar return should either be furnished for all canals, or a general statement be given in the Chief Engineer's review, showing all charges in the Civil Department on account of canal collections. The statement in paragraph 6 of the Chief Engineer's review for 1880-81 gives only the amounts paid as fees to patwaris and lumbardars, omitting charges on account of establishment and contingencies.

12. The state of the uncollected balances is especially satisfactory in respect of the nominal balances outstanding on account of years previous to 1880-81.

13. The reports furnished on the effects of the various drainage works which have already been carried out are very interesting, and observations should be continued on the spring levels and areas affected by "reh" in the canal-irrigated tracts.

ORDER.—Ordered, that a copy of this Resolution and of the Report and Resolution by the Local Government be forwarded to the Secretary of State and to the Finance and Commerce and Revenue and Agricultural Departments of the Government of India for information.

The Governments of Madras, Bombay, Bengal, and the Punjab.
The Chief Commissioners, Central Provinces, British Burmah, and Assam.
The Resident at Hyderabad.
The Agents to the Governor General, Central India and Rajputana.

Also, that a copy of this Resolution be forwarded to the Government of the North-Western Provinces and Oudh, Public Works Department, for information and guidance, and to the Local Governments and Administrations noted in the margin, in the Public Works Department, for information, and to the Foreign Department for communication to the Government of Mysore.

Also, that this Resolution and the Resolution of the Local Government be published in the Supplement to the *Gazette of India.*

H. A. BROWNLOW, *Colonel R.E.,*
Deputy Secretary to the Govt. of India.

No. 883 I., dated Allahabad, the 6th April 1882.

RESOLUTION—By His Honor the Lieutenant-Governor, N.-W. Provinces and Oudh.

The area irrigated during the year was 1,732,696 acres, or only 4,000 acres less than that watered in 1878-79, when the demand for irrigation was abnormally high on account of the drought.

The value of the crops grown on the above area is estimated at nearly 561 lakhs of rupees, or an average of Rs. 33 per acre.

2. The net income was Rs. 35,38,941 or 5·45 per cent. on the total invested capital of Rs. 6,49,59,486, the interest charge on this amount being Rs. 26,80,296; there was thus a clear surplus of Rs. 8,58,645 after paying all expenses.

Considering that 237 lakhs of the above capital is sunk on the Lower Ganges Canal, a work which is still incomplete and as yet contributes inadequately to the revenue, the Lieutenant-Governor considers that the financial results of the year may be looked on as very satisfactory.

3. Sir George Couper also notes with satisfaction the improvement in the returns of the Agra Canal, and is glad to hear that the prospects of this work are better than they were considered to be in 1879.

4. Benefit has on the whole been derived from the drainage works undertaken during the last few years, especially in the Meerut and Aligarh Divisions. The effect produced in the lower districts by these artificial increments to the natural floods must be carefully watched, and His Honor desires that this point will receive most serious consideration.

J. G. FORBES, *Lieut.-Colonel, R.E.,*
Joint Secy. to Govt., N.-W. Provinces and Oudh,
P. W. D., Irrigation Branch.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XXIV OF 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 18th June 1881. Total.	Receipts for week ending 18th June 1881. Per mile open.	Total mean length open.	Receipts for week ending 17th June 1882. Total.	Receipts for week ending 17th June 1882. Per mile open.	Total Receipts from 1st April to 18th June 1881. Total.	Total Receipts from 1st April to 18th June 1881. Per mile open per week.	Total Receipts from 1st April to 17th June 1882. Total.	Total Receipts from 1st April to 17th June 1882. Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
	Guaranteed.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
17th June 1882	Eastern Bengal ...	172	63,313	368	172	66,381	386	7,01,992	353	7,73,446	404	71,454	...
17th ditto ...	Oudh and Rohilkhund	547	77,742	142	547	95,826	175	11,43,455	185	12,88,788	211	1,45,333	...
17th ditto ...	Sind, Punjab & Delhi	676	1,40,169	207	676	2,03,571	301	20,77,368	272	22,04,928	293	1,27,560	...
17th ditto ...	Madras ...	858	1,29,506	151	858	1,37,810	161	13,28,559	137	15,27,323	160	1,98,764	...
17th ditto ...	South Indian ...	655	74,453	114	655	89,087	136	8,41,034	114	8,84,135	121	43,101	...
24th ditto ...	Great Indian Peninsula	1,448	5,60,845	387	1,458	4,47,948	307	83,55,563	511	97,65,269	605	14,09,706	...
17th ditto ...	Bombay, Baroda and Central India ...	444	2,23,805	504	461	2,21,052	480	30,74,810	614	30,01,041	584	...	73,769
	TOTAL ...	4,800	12,69,833	265	4,827	12,61,675	261	1,75,22,781	323	1,94,44,930	362	19,22,149	...
	State.												
17th June 1882	East Indian ...	1,504	7,47,216	497	1,507	8,76,618	582	95,23,394	560	1,00,29,162	597	5,05,708	...
17th ditto ...	Calcutta and South-Eastern ...	28	2,692	96	33	2,318	70	30,102	95	36,684	118	6,582	...
17th ditto ...	Nalhati ...	27	1,345	50	27	1,371	51	14,559	48	15,700	52	1,141	...
17th ditto ...	Northern Bengal ...	231	27,118	117	233	35,190	151	3,27,447	125	4,01,125	155	73,678	...
17th ditto ...	Tirhoot ...	82	14,355	175	85	10,675	126	1,46,515	158	1,49,094	157	2,579	...
17th ditto ...	Patna-Gya ...	57	7,691	135	57	7,778	136	1,03,872	162	1,08,961	171	5,089	...
24th ditto ...	Muttra-Hathras ...	29	2,233	77	29	1,673	58	28,357	87	27,044	84	...	1,313
24th ditto ...	Cawnpore-Furrakhabad	86	4,673	54	86	5,640	66	58,801	61	72,630	76	13,829	...
17th ditto ...	Dildarnagar-Ghazipur	12	905	75	12	880	73	11,788	87	12,942	97	1,154	...
24th ditto ...	Rajputana-Malwa ...	1,016	1,82,886	180	1,117	1,90,720	171	21,00,720	183	24,62,273	198	3,61,553	...
17th ditto ...	Wardha Coal ...	45	14,128	314	45	7,553	168	1,02,093	201	1,43,831	287	41,738	...
17th ditto ...	Nagpur & Chhattisgarh	53	3,448	65	98	5,297	54	82,566	111	1,92,867	176	1,10,301	...
24th ditto ...	Rangoon and Irrawaddy Valley ...	161	21,806	135	161	23,725	147	3,87,816	213	3,86,798	216	...	1,018
17th ditto ...	Sindia ...	78	5,455	70	75	4,989	67	66,130	80	70,213	84	4,083	...
17th ditto ...	Punjab Northern ...	363	57,931	160	412	54,766	133	7,30,927	178	6,54,082	148	...	76,845
24th ditto ...	Indus Valley and Kandahar ...	660	66,939	101	660	1,00,047	152	11,66,289	157	9,77,592	133	...	1,88,697
24th ditto ...	Muttra-Achnera ...	...	...	...	23	828	36	...	...	13,042	51	13,042	...
	TOTAL ...	2,928	4,13,605	141	3,153	4,53,450	144	53,57,982	162	57,24,878	164	3,66,896	...
	Native States.												
17th June 1882	Bhavnagar-Gondal ...	192	20,567	107	194	14,694	76	2,60,095	120	2,95,061	136	34,966	...
17th ditto ...	Nizam's ...	121	18,372	152	121	14,020	116	1,89,687	139	1,84,439	136	...	5,248
3rd ditto ...	Mysore ...	58	2,825	49	...	(a)...	...	(b)23,862	44	(c)44,522	57	20,660	...
	TOTAL ...	371	41,764	113	315	28,714	91	4,73,644	113	5,24,022	118	50,378	...
	GRAND TOTAL ...	9,603	24,72,418	257	9,802	26,20,457	267	3,28,77,801	302	3,57,22,932	325	28,45,131	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	1,54,52,566	142	1,71,47,007	156	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	1,74,25,235	160	1,85,75,925	169	11,50,690	...

(a) Return not received. (b) Total receipts from 1st April to 4th June 1881. (c) Total receipts from 1st April to 3rd June 1882.

F. FIREBRACE, *Major, R.E.,*
Under Secretary.

SIMLA,
The 8th July 1882.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENT OF PRICES CURRENT OF FOOD-GRAINS FOR THE 1st HALF OF JUNE 1882, PUBLISHED IN PAGES 924, 925, 932 AND 933 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 8th JULY 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of last year.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of last year.	Rice. Best sort. Present fortnight.	Rice. Best sort. Past fortnight.	Rice. Best sort. Corresponding fortnight of last year.	Rice. Common. Present fortnight.	Rice. Common. Past fortnight.	Rice. Common. Corresponding fortnight of last year.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of last year.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of last year.	Lesser Millets, Ragi, &c. (Kavaru, Veragoo, Sawee, Cheena, Coraloo, Murhwa, Nuglee, &c.), *Panicum Miliaceum*, *Eleusine Coracana*, &c. Present fortnight.	Lesser Millets. Past fortnight.	Lesser Millets. Corresponding fortnight of last year.	Gram. Present fortnight.	Gram. Past fortnight.	Gram. Corresponding fortnight of last year.	Firewood. Present fortnight.	Firewood. Past fortnight.	Firewood. Corresponding fortnight of last year.	Salt. Wholesale. Present fortnight.	Salt. Wholesale. Past fortnight.	Salt. Wholesale. Corresponding fortnight of last year.	Salt. Retail. Present fortnight.	Salt. Retail. Past fortnight.	Salt. Retail. Corresponding fortnight of last year.
		S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.
Madras	Ganjam	11 13	11 13	14 6	...	...	...	17 13	17 13	17 13	19 10	19 10	19 8	...	...	...	...	...	...	35 3	35 3	33 14	26 10	23 5	40 11	215 13	215 13	215 13	...	...	...	13 13	13 13	12 0
	Vizagapatam	10 8	11 0	15 0	...	...	...	9 0	9 0	13 6	11 5	11 5	15 3	22 11	23 13	24 13	21 13	22 13	29 11	23 13	25 3	31 5	24 10	24 10	35 2	93 5	93 5	87 8	15 3	15 3	11 11	14 10	14 0	10 8
	Godavery	11 11	10 13	12 10	...	...	...	13 14	14 13	12 14	18 0	18 0	17 0	29 13	29 13	...	...	...	...	33 11	34 10	36 6	26 3	27 5	39 14	194 6	194 6	160 6	14 10	14 10	12 8	14 10	14 10	12 8
	Kistna	14 11	14 11	15 3	...	...	...	15 2	17 5	17 13	16 5	17 14	18 8	25 0	18 11	21 13	...	...	...	35 5	35 5	38 3	25 10	27 6	29 2	145 13	145 13	145 13	16 5	16 5	13 2	15 11	15 11	12 13
	Nellore	14 6	14 6	12 10	...	...	...	15 13	15 13	14 5	18 0	...	15 0	33 10	33 10	28 13	...	...	...	36 6	36 6	30 14	28 5	28 5	26 3	186 10	93 5	93 5	14 13	14 13	13 3	14 13	14 13	12 11
	Cuddapah	14 11	14 11	15 6	...	...	...	12 6	12 6	11 8	14 2	14 2	12 14	28 6	30 0	30 13	30 6	30 6	32 10	31 8	31 8	34 8	31 0	33 8	35 5	194 6	194 6	194 6	16 10	16 10	14 13	16 3	16 3	14 6
	Anantapur	14 6	14 6	11 8	...	...	...	15 0	15 0	13 14	16 3	16 3	15 2	33 0	33 0	37 2	18 13	18 13	18 13	31 0	31 0	36 14	35 13	35 13	40 5	...	...	...	14 5	14 5	11 14	14 5	14 5	11 14
	Bellary	17 5	18 3	14 6	...	...	...	12 5	12 5	12 13	13 8	13 8	14 0	30 14	33 0	40 3	24 6	26 5	33 14	29 2	31 0	42 11	28 0	28 0	38 2	97 3	97 3	97 3	15 8	15 8	13 6	14 14	14 14	13 2
	Kurnool	14 10	15 3	12 11	...	...	...	10 10	11 0	11 0	11 6	11 13	11 13	27 6	32 3	31 8	27 8	27 8	32 8	...	...	...	27 0	27 0	30 0	194 6	202 3	199 5	14 6	14 6	12 8	14 0	14 0	12 2
	Madras	11 0	10 13	9 2	...	...	...	14 3	14 3	13 11	15 8	15 13	14 14	23 0	24 8	23 0	26 6	26 6	23 6	28 13	29 6	26 14	26 2	27 5	30 10	81 6	81 6	80 3	16 11	16 8	14 6	16 3	16 0	13 14
	Chingleput	...	...	...	...	...	...	15 6	16 8	15 6	16 10	17 0	16 2	...	...	...	...	...	26 2	28 13	28 13	25 0	24 13	25 0	29 10	92 5	92 5	77 13	17 0	16 5	13 14	16 5	15 14	13 10
	North Arcot	11 0	11 14	11 0	...	...	...	15 14	17 3	16 13	16 14	18 13	18 13	32 13	34 10	23 11	30 8	30 8	29 11	34 3	34 3	32 8	26 10	29 8	37 6	140 0	140 0	140 0	14 5	15 6	12 11	14 13	14 13	12 5
	South Arcot	10 2	10 2	9 6	...	...	...	15 3	16 2	15 11	16 3	18 6	16 10	33 10	33 10	33 10	27 5	27 11	27 5	28 10	29 13	29 13	28 6	33 13	31 2	201 11	201 11	199 5	19 5	19 5	15 5	18 14	18 14	14 13
	Tanjore	11 0	11 0	11 0	...	...	...	18 5	17 13	16 10	...	...	...	...	38 3	30 3	31 14	31 14	30 6	39 5	39 5	33 3	31 8	32 6	31 8	194 6	194 6	194 6	15 10	15 10	12 14	15 10	15 10	12 14
	Trichinopoly	9 10	9 10	10 10	...	...	...	15 13	16 10	15 8	16 5	17 0	15 14	28 0	...	33 10	27 14	29 3	26 11	31 6	32 11	31 6	33 14	35 6	32 5	97 3	97 3	97 3	17 0	17 0	13 13	16 3	16 3	12 14
	Madura	12 8	13 5	13 10	...	...	...	16 6	15 8	13 14	16 14	16 14	16 8	14 8	29 3	29 3	28 5	32 5	32 5	30 14	34 2	32 8	32 3	42 11	42 11	39 3	145 13	145 13	145 13	16 10	17 8	13 8	16 6	17 5	13 2
	Tinnevelly	9 3	9 3	8 14	...	...	...	16 5	15 14	11 14	16 13	16 13	12 6	...	...	...	...	...	...	...	...	...	29 11	29 6	27 2	81 10	81 10	76 13	18 11	18 11	14 13	18 5	18 5	14 5
	Coimbatore	12 5	13 2	16 6	...	...	...	14 6	14 13	14 6	15 6	15 6	15 6	28 11	24 6	26 2	35 0	35 0	33 6	29 8	29 8	34 6	30 6	30 6	47 8	131 3	131 3	131 3	15 2	15 2	12 3	14 10	14 10	11 11
	Nilgiris	...	...	9 14	...	...	...	...	...	10 6	...	...	12 0	...	...	20 0	...	...	21 0	...	...	21 10	...	...	26 8	...	...	121 8	...	...	9 3	...	...	9 3
	Salem	12 11	13 10	13 10	...	...	...	15 0	15 0	14 0	16 0	16 0	16 0	27 5	27 5	27 5	22 14	22 14	26 3	30 13	30 13	30 13	39 6	39 6	39 6	151 10	151 10	151 10	16 6	16 6	14 5	15 0	15 6	13 5
	South Canara	8 10	10 5	10 5	...	...	...	9 11	9 11	8 11	13 11	13 11	14 11	...	...	...	...	...	...	22 0	19 6	20 3	21 3	21 3	23 3	116 10	116 10	109 5	11 0	15 3	12 6	10 0	14 3	11 5
	Malabar	7 3	7 3	10 2	...	...	...	15 0	15 3	16 3	15 6	15 13	17 0	...	...	...	...	...	...	20 6	20 6	23 6	25 3	26 0	33 10	121 8	121 8	121 8	14 6	14 6	10 13	13 8	13 8	9 14
Bombay	Bombay	10 4	10 7	11 6	16 14	16 14	19 11	7 10	7 10	7 4	12 13	12 2	11 7	18 7	17 13	21 4	15 9	14 10	17 9	14 1	14 1	12 0	17 3	16 9	18 8	54 9	61 7	61 7	14 5	14 5	12 9	14 5	14 5	11 2
	Ahmedabad	12 8	12 8	15 8	...	...	31 0	6 8	6 8	8 0	8 0	8 0	13 0	17 0	17 0	30 0	14 0	14 0	22 0	...	...	...	20 0	20 0	23 0	80 0	80 0	80 0	16 8	16 8	13 8	16 0	16 0	13 4
	Kaira	11 7	11 7	13 14	20 0	20 0	29 1	9 2	9 2	9 2	14 9	14 9	13 14	16 0	16 0	22 14	14 0	14 0	18 13	...	...	...	19 0	20 0	22 14	80 0	80 0	80 0	...	...	...	16 0	16 0	12 13
	Surat	13 6	13 6	13 10	5 6	5 6	7 7	7 7	7 7	6 13	8 5	8 5	8 5	15 9	15 9	18 13	11 13	11 13	17 13	...	...	...	14 14	14 14	17 13	80 0	80 0	80 0	13 10	13 10	11 7	13 10	13 10	11 7
	Broach	12 5	12 5	16 0	...	...	...	9 6½	9 6½	8 14½	12 9	12 9	11 6½	16 0	15 4	17 12½	15 4	15 4	17 12½	...	...	...	16 0	16 0	20 0	106 0	106 0	106 0	15 4	15 4	12 12½	15 4	15 4	12 12½
	Tanna (Salsette)	9 3	10 5	11 11	...	...	...	8 3	10 0	6 14	10 0	11 4	11 4	18 10	18 10	16 4	15 0	16 6	18 0	25 11	28 0	15 4	15 14	14 1	15 10	71 1	71 1	71 1	14 5	14 5	10 2	12 12	13 4	10 2
	Colába (Alibág)	10 0	10 0	12 0	...	...	...	7 0	7 8	6 12	12 8	15 8	13 8	...	...	...	...	...	...	...	...	...	14 0	14 0	15 12	120 0	120 0	110 0	14 0	15 0	13 0	13 0	14 0	12 8
	Khandesh (Dhulia)	14 9	14 9	19 0	...	...	...	7 4	7 4	7 4	10 15	10 15	10 15	23 13	24 10½	28 14	18 14½	20 4	18 11	...	...	...	15 15	15 14	26 1	140 0	140 0	140 0	15 6	15 6	13 2	15 0	15 4	13 0

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GOVERNMENT OF INDIA.

HOME DEPARTMENT.

ISSUE OF PASSPORTS TO PILGRIMS PROCEEDING FROM INDIA TO THE HEDJAZ.

No. $\frac{14}{198\text{-}214.}$

Extract from the Proceedings of the Government of India, in the Home Department, (Sanitary),—dated Simla, the 12th July 1882.

READ again the following papers regarding the issue of passports to pilgrims proceeding from India to the Hedjaz, and the rules for regulating their distribution :—

Despatch from Secretary of State, No. 61, dated 8th July 1875.
" to Secretary of State, No. 17, dated 2nd July 1877.
" from Secretary of State, No. 100, dated 22nd July 1880.
" " " 112, dated 12th August 1880.
" " " 161, dated 11th November 1880.
" " " 42, dated 3rd March 1881.
" " " 103, dated 7th July 1881.
" to Secretary of State, No. 126, dated 2nd October 1881.
Circular to Local Governments, No. 1914-E.P., dated 24th August 1881.
Despatch from Secretary of State, No. 147, dated 29th September 1881.
From Punjab, No. 2026, dated 15th September 1881.
" British Burma, No. 6537, dated 20th September 1881.
" Bombay, No. 3100, dated 20th September 1881.
" Rajputana, No. 1895, dated 22nd September 1881.
" Bengal, No. 1672, dated 30th September 1881.
" Hyderabad, No. 84, dated 1st October 1881.
" Madras, No. 1348, dated 5th October 1881.
" North-Western Provinces, No. 160, dated 4th March 1882.
Circular to Local Governments, &c., No. 2644, dated 8th November 1881.
From Government of Madras, No. 550, dated 29th November 1881.
" " of Bombay, No. 517, dated 11th February 1882.
" " of Bengal, No. 105P., dated 16th January 1882.
" " of North-Western Provinces and Oudh, No. 227, dated 5th April 1882.
" " of Punjab, No. 112, dated 25th January 1882.
" Chief Commissioner of the Central Provinces, No. 4253-230, dated 19th November 1881.

RESOLUTION.

1. The proposal to grant passports to pilgrims from India to the Hedjaz, which had previously occupied the serious attention of the Government of India in connection with the question of alleviating the hardships attending the journey, was revived by an enquiry from Her Majesty's Government in July 1875, whether the Government of India could suggest any means of mitigating the sufferings of the poorer class of Muhammadans who undertook the pilgrimage. Her Majesty's Consul at Jeddah was at that time in favour of introducing a system similar to that pursued by other Governments of granting upon certain conditions a passport to every pilgrim.

2. The Government of India took the subject into careful consideration, and after consulting the Local Governments decided that, with the strongest desire to relieve the discomforts and sufferings to which at present pilgrims to Mecca are subjected, it was unadvisable to impose upon their movements any restrictions which might be liable to misconstruction. A reply was accordingly sent to the Secretary of State on the 2nd July 1877, to the effect that, in concurrence with the views of the local authorities, the Governor General in Council was opposed to any direct interference on the part of Government with what is considered to be a religious obligation by a large section of the Muhammadan community in India, and accordingly deprecated the introduction of a system of passports or licenses, or any other similarly restrictive arrangements.

3. In consequence of this determination, no further action was then taken in the matter, and the question remained in abeyance until July 1880, when the Government of India received an intimation from the Secretary of State that the Turkish Government had issued orders requiring passports in future for all passengers and pilgrims arriving in Jeddah, whether Turkish or Foreign subjects, and announcing that those who came unprovided with such documents would be liable to be repelled from the ports of the Hedjaz.

4. It therefore became necessary, in order to prevent Indian pilgrims from encountering the risk of being turned back on their arrival in Turkish ports, that the Government of India should take measures to provide their Muhammadan subjects with passports, and it only remained to consider how best to give effect to the requirements of the Turkish Government without interfering more than was absolutely necessary with the freedom of movement and action previously enjoyed by Indian pilgrims. With this object a circular was sent to Local Governments and Administrations explaining the Regulation published by the Porte, and asking for opinion upon the following points:—

(i) the question of charging a small fee on passports in order to raise a fund to be devoted to giving assistance to needy and impoverished pilgrims;

(ii) the plan of issuing passports, not only at the ports of embarkation, but also in every district in British India, and in the Native States;

(iii) the necessity of appointing pilgrim agents at Indian seaports to facilitate the embarkation of pilgrims, and to afford them all possible information and aid.

5. The reports received in reply made it clear that, although a small minority, including some Muhammadan gentlemen of position and experience, were in favour of levying a fee upon each passport issued, the weight of opinion was opposed to such a measure, not only as being liable to misinterpretation, and calculated to give rise to erroneous impressions, but also on the ground that it would still further increase the already heavy expenditure which the pilgrimage entails. In deference to these views it has been decided that passports shall be distributed, in the form annexed to this Resolution, free of any charge; and also, for similar reasons, that no deposit or other guarantee of the ability of the grantee to discharge the cost of his journey in Arabia or of his return journey shall be exacted by this Government.

6. Further, with a view to making the new Turkish regulations as little irksome as possible to natives of India proceeding to the Hedjaz on pilgrimage, it has been resolved that passports shall be unconditionally given to every intending pilgrim not only at the ports of embarkation, but also at the central stations of every district in British India, and at the head-quarters of all Political Agencies in Native States. Thus it will be left to the option of the pilgrim to take his passport either in his own district or at the port from which he starts, as he may find most convenient.

7. With regard to the proposal to appoint pilgrim agents at the several ports of embarkation, it has been represented to the Government of India that, as a general rule, the local authorities empowered to carry out the provisions of the Native Passenger Ships Act (No. VIII of 1876) can satisfactorily discharge the duties that would devolve upon these officers. With this opinion the Governor General in Council concurs. But in consideration of the very large numbers of pilgrims who annually embark at, and return to, Bombay, and the necessity of making some special arrangements to meet their requirements, it is proposed to appoint a Protector of Pilgrims at that port. He will be a Muhammadan, and will work in subordination to the Commissioner of Police. His duties will be to issue passports to all applicants; to aid them in procuring the necessary equipment for the voyage; to bring to notice the existence of any epidemic disease among them; and generally to give them all the information and assistance within his power in respect of every matter connected with their pilgrimage. The Bombay Government will be requested to make proposals for the pay and establishment of this officer whose employment on this special work will only be necessary for a portion—about 6 months—of the year.

8. The last point which has engaged the attention of the Government of India in connection with this subject is the question of providing passports

and making arrangements for the subjects of other Governments, *e.g.*, natives of Kashgar, Russian Turkistan, Afghanistan, &c., who embark for Mecca from Indian ports, similar to those introduced for the benefit of British Indian subjects. The numbers of this class of pilgrims are not large, and it has been ascertained that in their passage through British territory they have uniformly comported themselves in quiet and orderly fashion. At the same time they have no right to represent themselves as British subjects, or to receive passports as such. Nevertheless, in accordance with the rules and principles which always guide the action of the Government in such matters, it has been determined to facilitate the embarkation of such foreigners at Indian ports, and possibly their debarkation at those in the Red Sea, by granting them informal passes in the form appended to this Resolution as form B. These passes will not be compulsory, and their issue will be subject to the payment of a small fee of Rs. 2. They will be granted on application at Bombay by the Protector of Pilgrims; at other ports by the Commissioner of Police. It should be clearly explained at the time of issue that they impose no responsibility upon the Government of India in regard to the holder, nor can that Government in any way guarantee their recognition by the officials of the Turkish or any other Foreign Government.

9. The forms of passport to be granted to Indian subjects, and of the informal pass for aliens, are marked respectively A and B, and are appended to this Resolution. The latter, which is translated into both Urdu and Arabic, needs no remarks. On the reverse of the former explanatory instructions are printed in the same languages for the guidance of the pilgrims and the information of all concerned. These instructions are simple and self-explanatory. In the column for "General Remarks" attention may be drawn to the social position of persons of rank receiving passports. This may prove useful to them in the Hedjaz.

10. In order to secure as far as possible that Indian pilgrims to the Hedjaz are properly treated after landing, and to assist them in making arrangements for their return passage, the Governor General in Council has, with the approval of the Secretary of State, decided to appoint a Muhammadan gentleman to act as Vice-Consul at Jeddah. It is anticipated that this officer will take up his duties before the commencement of the next pilgrim season.

ORDER.—Ordered, that a copy of the above Resolution be forwarded to all Local Governments, Administrations and to the several Departments of the Government of India for information and guidance. Also that it be published in the *Gazette of India* and in all local Gazettes for general information. Local Governments are requested to arrange for its early translation and publication in all Vernacular Gazettes.

2. Local Governments are also requested to apply without delay for as many copies of the passports and passes as they may require to the Officiating Secretary to the Government of India in charge of the Home Department at *Calcutta*.

A.

Registered No.

BRITISH CONSULATE,

JEDDAH.

PILGRIM'S PASSPORT.

GOVERNMENT OF INDIA.

Name (in English and Urdu).	Father's name.	Residence.	Occupation.	Age.	*Distinctive Marks.	General Remarks.

* To be filled up for male pilgrims only.

This Passport, issued by the authority of the Viceroy and Governor General of India in Council, Requests and Requires all those whom it may concern to afford the person above-named going on pilgrimage to the Hedjaz all needed assistance and protection.

By Order of the Governor General of India in Council,

Countersigned at _____
this ____ *day of* _____ *188* ___

(Sd.) _____
Magistrate or Commissioner of Police, or Political Agent.

Secretary to the Government of India, in the Home Department.

NOTICE TO PILGRIMS.

1. The British Government having been informed by the Turkish Government that the authorities in the Hedjaz will not allow pilgrims from British India to land without a Passport, this Passport is issued to enable pilgrims to comply with the orders of the Turkish Government.
2. This Passport is supplied on request made by or on behalf of the intending pilgrim, but no fee is charged for issuing the same.
3. The British Government does not undertake to bring back pauper pilgrims from the Hedjaz.
4. The British Government has no desire to interfere with the liberty of the pilgrims, but warns its subjects that they should not undertake the pilgrimage if they have not sufficient pecuniary means for the expenses of the journey to the Hedjaz and back to India.
5. On arrival at Jeddah the holder of this Passport should present it to the British Consul for registration.
6. This Passport having been granted solely for the convenience of the pilgrim, the holder thereof is entitled to apply to the British Consul at Jeddah for assistance in case of difficulty.
7. For the convenience of pilgrims not knowing English, this Passport is accompanied with a full translation of this notice in Urdu and Arabic.

B

Certified that the bearer, who states that his name is

and that he is a resident of , *has passed through*

on his way to the Hedjaz; and that no complaints have been made regarding his conduct while in British Territory.

Dated at

this *day of* *188* .

_____
Commissioner of Police.

Fee Rs. 2.

A. MACKENZIE,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 11th JULY 1882.

GENERAL REMARKS.—The rainfall of the week has been general throughout the country (excepting the Madras Presidency, from which no reports have been received). In Coorg the rainfall has been excessive; in the Mysore State extremely heavy in parts and sufficient everywhere; in the Bombay Presidency heavy in some places, good in others, and light in a few talukas of three districts; in the Nizam's Territories fair; in Berar good; in the Central Provinces good everywhere and heavy in two districts; in the Central India States good on the whole; in Rajputana good in parts and insufficient in one State; in the Punjab good in some districts, fair in others, and none in Peshawar; in the North-Western Provinces and Oudh heavy in Rohilkhand, good or fair in other districts, and light in the eastern tracts; in Bengal good nearly everywhere, though light in one or two places; in Assam good in all districts, though in one more is wanted; in British Burma good generally, but in some localities apparently still short.

General prospects are satisfactory on the whole. In Coorg the *ragi* crops are being weeded and paddy, where not flooded, is doing well; in the Mysore State standing crops are in good condition and sowings are in progress; in Berar and the Nizam's Territories the sowing of *kharif* crops is either progressing or completed; in the Bombay Presidency sowings have mostly been completed and in some places transplantation has commenced; in the Central Provinces the *kharif* sowings have been completed in parts and continue in others, and the transplanting of rice is progressing in the eastern districts; in the Central India and Rajputana States ploughing and sowing are progressing; in the Punjab *kharif* sowings continue in some districts, and have commenced in others; in the North-Western Provinces and Oudh the *kharif* crops have come up well in places and sowings are still in progress in others; in Bengal the sowing of the autumn crops is still going on in Behar, elsewhere the transplanting of winter rice on low lands is proceeding, and sugarcane, early rice, and jute are doing well; in Assam and British Burma ploughing and sowing are still in active progress.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—(July 13th)		
Kurrachee ...	.....	No report received.
Hyderabad ...	Rain in seven talukas, average ·89.	River again rising; wheat 25, *juari* 44, *bajri* 39, red rice 32, and white rice 22 lbs. per rupee; small-pox in Khandirao taluka.
Ahmedabad ...	14·03	Sowings progressing; cholera—in Ahmedabad city 16 cases, 7 deaths, in Sanand 4 cases, 2 deaths, in Viramgaum 8 cases, 5 deaths; wheat 27 and *bajri* 29 lbs. per rupee.
Baroda ...	5·00	Total rainfall 13·46; sowings in progress; transplantation of rice commenced in places; public health good; cholera abating in Kari division; *bajri* 30 and common rice 21 lbs. per rupee.
Surat ...	7·09	Total rainfall 19·98; sowings mostly completed; transplantation progressing; cholera—1 death in Chorasi; *juari* 39 and *nagli* 51 lbs. per rupee.
Násik ...	Igatpuri, 21·50; Peint, 5·63; Malegaon, 4·00; very slight in Niphad, Zeola, and Sumar; good showers elsewhere.	Rain much wanted in Niphad, Zeola, and Sumar; crops doing well; locusts continue; wheat 34, *bajri* 36, and rice 25 lbs. per rupee.
Colaba (Bombay) ...	Rain every day, heavy on 8th; rainfall of week 8·02.	Total rainfall to date 42·99, being 14·38 above average; average abnormal temperature 3° cool from 5th to 8th, afterwards 1° cool; vapour in air normal; wind normal on 5th and 11th; abnormal wind from south-west from 6th to 10th.
Poona ...	Rain in seven talukas—maximum, in Poona, 2·43; minimum at Indapur, ·23.	Slight damage done to young crops by locusts in Khed taluka; *bajri* 42¾ and *juari* 55½ lbs. per rupee, in Poona *bajri* 36¾ and *juari* 43½ lbs. per rupee.
Ahmednagar ...	Sight rain, general	More rain wanted; cattle-disease in Nagar and Karjat; cholera—in Parner 9 cases, 4 deaths, in Shrigonda 23 cases, 8 deaths; *bajri*—maximum 60 lbs. in Jhamkhed, minimum 42 in Kopergaon; *juari*—maximum 90 lbs. in Jhamkhed, minimum 54 in Kopergaon.
Sholapur ...	1·75	Total rainfall 15·81; cholera—27 cases, 5 deaths; *kharif* sowings still in progress; *bajri* 56 lbs. 5 tolas and *juari* 74 lbs. 8 tolas per rupee.
Dharwar ...	Good rain everywhere, except Mundargi.	More rain wanted in Mundargi to enable sowings to be completed; break required in Dharwar, Bankapur, Hangal, and Kalghatgi; young crops thriving; slight ague in Dharwar and Mundargi, and cattle-disease in Bankapur and Hangal; rice 22 and *juari* 57 lbs. per rupee.
Kanara ...	Karwar, 11·54; Kumpta, 10·73; Sirsi, 15·45; Hallyal, 5·01.	Total rainfall 57·93; transplanting and weeding in rice-fields; sowings in *kumri* lands in progress; rice plants in low lands and swamps injured by excessive rainfall on coast; slight small-pox at Sirsi; cattle-disease subsiding; fever in two talukas; common rice in Karwar 13, in district average 13½ seers per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Rajkot ...	.....	No report received. *General Remarks.*—Sowing mostly completed; transplantation commenced in some places; rain general, heavy in some districts, but wanted in parts of Nasik, Ahmednagar, and Dharwar; locusts in Khandesh, Nasik, and Poona; cholera in Satara, Ahmednagar, Sholapur thana, Ahmedabad, and parts of Kathiawar.
Bengal—(July 12th)		
Chittagong ...	4·63	Weather hot, with occasional rain; transplanting of rice going on; prices steady; cholera, small-pox, and cattle-disease still prevail.
Dacca ...	2·21	All crops doing well, and rice being reaped in some parts, yield about 10 annas.
24-Pergunnahs (Calcutta)	4·04	Prospects appear fair; sugarcane, early rice, and jute doing well; transplanting of winter rice commenced; high lands being prepared; price of common rice stationary; public health generally good.
Moorshedabad ...	1·32	Prospects of crops favourable; sowing of winter rice finished; transplanting commenced in low lands; health generally good.
Rajshahye ...	0·66	Prospects of crops favourable; fever and cholera still reported.
Burdwan ...	4·08	Prospects of early crop good; rain wanted for late rice, especially in Katwa subdivision; health fair, but cases of cholera reported.
Rungpore ...	2·35	Weather hot and cloudy; early rice being harvested; transplanting of late rice still going on; sugarcane promising well; prices of food-grains stationary; public health good.
Bhagálpur ...	0·67	Prospects of crops favourable; sowings still going on in places; lands being prepared for the transplantation of rice; in some places transplanting has been commenced.
Purneah ...	0·29	Prospects of crops fair; weather suits weeding; health fair.
Patna ...	0·27	Prospects of crops good; autumn sowings going on; a few cases of cholera still reported from Barrh and Behar subdivisions.
Durbhunga ...	0·10	Strong east wind; transplanting of paddy commenced; more rain wanted; cholera abating.
Hazáribágh ...	2·22	Weather cloudy and rainy; autumn crops promising; a few cases of cholera and small-pox reported; general health good.
Cuttack ...	4·69	Autumn and winter rice crops being weeded; cholera still reported. *General Remarks.*—Rain fell in all districts during the week; prospects generally favourable, but more rain is wanted in some places for cultivation of winter rice, especially on high lands; transplanting of winter rice on low lands proceeding; sugarcane, early rice, and jute promising; in Behar sowing of autumn crops still going on; cholera has almost disappeared from many places, but is still prevalent in Birbhoom, Chittagong, and Sonthal Pergunnahs; fever is said to be increasing in parts of Nuddea, but is abating in Darjeeling Terai.
N. W. Provinces and Oudh—		
Benares (July 11th)	Benares, 1·0; Chandauli, 1·5; Gungapur, 2·1.	*Kharif* sowing is being carried on; not sufficient rain to plant rice; health of cattle good; health of men generally good; isolated cases of cholera reported from both tahsils; markets well supplied; prices steady.
Cawnpore („ „)	Average over 2·4	Crops thriving; weather cloudy; prices unchanged; with the exception of a few cases of cholera, general health good.
Allahabad („ 12th)	Ample rain, average 4·7.	Rising crops much benefited by rain; prospects very good; sickness much diminished; prices stationary.
Gorakhpur („ 11th)	Sadr, 1·7; Padrauna, 5·0	Great heat; sowing favourable; prices stationary.
Jhánsi („ 10th)	Garotha, 5·1; Mau, 1·1; average district, 3·5.	Weather cloudy and close; sowing and ploughing in progress; crops germinating well; prices stationary; health good.
Agra („ 11th)	In all parganas from 2·5 to 9·4.	Slight fever in one pargana only; general health good; prices stationary.
Farukhabad („ „)	1·8 to 4·3 in all tahsils.	Health of man and cattle good; sowings have come up well; prospects good.
Bareilly („ „)	16·0, of which 10·0 fell on night of 6th.	Heavy floods, but damage not excessive; rice prospects now good; health good.
Meerut („ „)	General rain throughout the district.	Rain sufficient for ploughing and sowing, which are in progress everywhere; health of man and cattle good; crops thriving; supplies sufficient; prices of wheat risen in Meerut and Ghaziabad, other prices stationary.
Kumaun („ „)	Continuous rain during the week.	*Kharif* promising; a few cases of small-pox; cattle-disease decreasing; prices stationary.
Lucknow („ „)	Lucknow, 2·0; Mohanlalganj, 1·6; Malihabad, 0·9.	*Kharif* crops being sown; prices stationary; cholera in city decreasing.
Rae Bareli („ 10th)	Sadr, 4·8; Dalamau, 0·5; Salon, 0·5; Digbijaiganj, 1·2.	*Kharif* sowings continue; health of people and cattle good; cholera decreasing; prices almost stationary.
Partabgarh („ 11th)	General rain throughout the district.	Crops coming on nicely; prospects good; general health good; cholera has decreased considerably.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—*contd.*		
Sitapur (July 11th)	Sitapur, 2·1; Sidauli, 2·9; Biswar, 0·6; Misrik, 0·3.	Wind easterly; prices slightly rising.
Fyzabad (" ")	1·9.	Sowing of *kharif* crops nearly finished; cholera at Fyzabad and Ganda only.
		General Remarks.—Rainfall general throughout the Provinces, heaviest in Rohilkhand, but lighter in eastern half; floods in Bareilly; prospects generally good; prices steady; general health fairly good; cholera decreasing; cattle-disease decreasing in Kumaun.
Punjab—(July 11th)		
Delhi ...	8·0	Health good; slight rise in price of barley.
Hissar ...	Rainfall good	Health good; prices falling; prospects bright.
Umballa ...	3·0	Health good; prices stationary.
Jullundur ...	1·70	Health good; prices rising.
Amritsar ...	3·60	Health fair; prices stationary.
Sialkot ...	2·0	Health good; prices steady.
Lahore ...	.....	No report received.
Ferozepore ...	2·20	*Kharif* ploughing and sowing commenced; slight rise in price of gram.
Mooltan ...	Drizzling rain at Sidar	Health and crops good; prices stationary.
Rawalpindi ...	·80	*Kharif* crops in progress; fever in Rawalpindi and measles in Pindigheb; slight fall in price of gram and barley, increase in price of Indian-corn.
Dera Ismail Khan ...	Nearly ·60	Health and prospects good; prices fluctuating.
Peshawar ...	.....	Health fair; *kharif* sowings commenced; prices stationary.
		General Remarks.—Rain has been general, except in Peshawar; health is good, but fever continues in Rawalpindi, and measles have not yet left Pindigheb; there is no marked increase or decrease in price of food-grains.
Central Provinces—		
Nagpur ...	11·43; rainy and damp	Prospects good.
Jubbulpore (July 11th)	9·15	Weather cloudy and rainy; sowing operations progressing favourably; cholera and small-pox prevailing.
Saugor (" 10th)	2·25	Season favourable to all sowings; prices steady; general health good.
Seoni (" 11th)	5·85; heavy rains	Rice transplanting progressing; cholera abating; mortality among cattle still continues; wheat 18 and rice 15 seers per rupee.
Khandwa ...	2·36; rainy	*Kharif* sowings progressing; small-pox prevalent; wheat 14 seers per rupee.
Hoshangabad (July 11th)	Heavy rain on 10th and 11th.	Weather cloudy; small-pox prevalent; wheat 15 seers per rupee.
Raipur (" 8th)	3·17; light showers till Thursday night, when there was heavy rain.	*Kharif* sowings almost completed; rice 34 seers per rupee.
Sambalpur ...	.....	No report received.
		General Remarks.—Weather cloudy and damp; rain has fallen in all districts, especially heavy at Nagpur and Jubbulpore; *kharif* sowings continue, and are completed in some parts; cholera and small-pox still reported; prices generally steady.
British Burma—(July 8th)		
Akyab ...	10·97	Total rainfall up to date 84·80 inches; 2 deaths from small-pox in town, 3 from cholera in district, otherwise public health good; cattle-disease severe in two townships; ploughing progressing.
Rangoon ...	4·11	Total rainfall 28·29 inches; public health good.
Bassein ...	2·24	Total rainfall 47·08 inches; cholera in district, otherwise public health good; cattle-disease in district.
Prome ...	3·65	Total rainfall 15·48 inches; 4 deaths from cholera in town and some cases in the district; slight cattle-disease in one township.
Amherst (Moulmein) ...	4·14	Total rainfall 76·92 inches; public health good both in Moulmein and district; cattle-disease prevalent in three townships; sowing half finished, delayed through late short fall of rain.
Toungoo ...	2·50	Total rainfall 29·92 inches; 1 death and 2 cases of small-pox in town, otherwise public health good.
		General Remarks.—Some cholera in Prome, Henzada, and Bassein, and a few cases elsewhere, otherwise public health satisfactory; cattle-disease in Arakan and Pegu divisions, and in Bassein, Amherst, and Shwaygyeen districts; rainfall short in some places; sowings going on.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Assam—(July 12th)		
Gauhati ...	1·61	Days hot, more rain wanted; lands prepared for *sali* crops; public health good.
Sylhet ...	4·84	Prospects of crops favourable; splendid weather for tea; a few cases of cattle-disease, cholera, and small-pox reported.
Cachar ...	3·08	Weather very warm and sultry; sowing of *dumahi* and *murali* crops finished; ploughing for *sali* crops continues; common rice 21 5/16 seers per rupee; tea doing well; no more cholera cases reported.
Dibrugarh ...	5·97	Weather hot; ploughing for *sali dhan* in progress; few cases of cholera reported from Harmoti tea garden; cattle-disease still reported.
Mysore and Coorg—		
Bangalore ...	·85	Standing crops in good condition; prospects favourable.
Mysore ...	3·0	Crops in good condition.
Mercara ...	39·50	Excessive rain during week, as much as 12·50 gauged on the 7th and 10·33 the day before; heavy landslips on ghât roads, cart traffic with Mangalore suspended; water in Cauvery river at Fraserpett rose to 30 feet, and passed through the spandrils of bridge, telegraph line washed away; paddy where not flooded doing well; *ragi* crops being weeded; prices stationary; public health good.
		General Remarks.—Rain has fallen generally throughout the Mysore State; heavy floods in the Cauvery, Hemavaji, and Zegachi rivers; the Tongabadra in the Shimoga district has overflowed its banks in many places; standing crops everywhere in good condition; agricultural operations in active progress; *ragi*, *Kartik* paddy, *balur*, &c., being sown; prospects favourable; prices—*ragi* 25½ seers per rupee in Bangalore, 20 seers in Mysore, 23 to 36 in Shimoga, 32 to 44 in Chitaldrug; public health good.
Berar & Hyderabad—(July 12th)		
Amráoti ...	3·28	Sowing of all *kharif* crops, except *juari*, completed; wheat 18 and *juari* 36 seers per rupee.
Akola ...	3·27	*Juari* sowings continue; *kharif* prospects good.
Hyderabad ...	1·50	*Kharif* sowings progressing; tanks have received small quantity of water; fever and cattle-disease prevail in some places; prices—wheat 15, common rice 10, white *juari* 23¾, yellow *juari* 27, and *tur* 25 seers per current sicca rupee.
Central India States—(July 12th)		
Indore ...	2·39; rain constant, though light.	Prospects good.
Morar (Gwalior) ...	4·07	Health and prospects good; prices stationary.
Sutna ...	1·94	Weather cool; health good.
Rutlam ...	.....	No report received.
Neemuch ...	1·43	Health good; *kharif* being sown.
Goona ...	3·26	Prospects good.
Bhopal ...	.....	No report received.
Agar ...	2·57	Health and prospects good.
Nowgong ...	2·21	Sowings almost completed; health good.
Manpur ...	6·0	
Rajputana—		
Abu (July 12th)	10·94; overcast, with rain.	
Sirohi (July 9th)	2·0	Tanks, wells, and health good.
Marwar („ 7th)	0·49	Plenty water in tanks and wells; health good; ploughing partial; weather monsoonish, but no general copious fall yet; prospects of rain imminent; prices stationary, with tendency to fall.
Meywar ...	.....	No report received.
Harowti (July 8th)	Deoli, 2·12; Tonk, 1·54; Shahpura, 0·82.	Cholera at Shahpura, but abating at Tonk.
Jhallawar („ 5th)	2·20	*Kharif* sowings progressing; health good.
Ajmere („ 7th)	4·86	Ploughing and sowing proceeding satisfactorily; health fairly good.
Jeypore („ 11th)	0·9	Prices slightly fallen; health good.
Bhurtpore ...	.....	No report received.
Ulwur (July 12th)	0·39	Wells filling; *kharif* sowings continue; health good.
Nepal—(July 6th)		
Katmandu ...	2·76	Total rainfall from January 1st to June 30th, 17·99; transplanting of rice is being rapidly carried on; weather seasonable.

E. C. BUCK,
Secy. to the Govt. of India.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

ABSTRACT OF THE PROCEEDINGS OF THE COUNCIL OF THE GOVERNOR GENERAL OF INDIA, ASSEMBLED FOR THE PURPOSE OF MAKING LAWS AND REGULATIONS UNDER THE PROVISIONS OF THE ACT OF PARLIAMENT 24 & 25 VIC., CAP. 67.

The Council met at Government House, Simla, on Wednesday, the 12th July, 1882.

PRESENT:

His Excellency the Viceroy and Governor General of India, K.G., G.M.S.I., G.M.I.E., *presiding*.

His Honour the Lieutenant-Governor of the Panjáb, K.C.S.I., C.I.E.

His Excellency the Commander-in-Chief, G.C.B., C.I.E.

The Hon'ble J. Gibbs, C.S.I., C.I.E.

Major the Hon'ble E. Baring, R.A., C.S.I., C.I.E.

Lieutenant-General the Hon'ble T. F. Wilson, C.B., C.I.E.

The Hon'ble C. P. Ilbert, C.I.E.

The Hon'ble Sir S. C. Bayley, K.C.S.I., C.I.E.

The Hon'ble C. H. T. Crosthwaite.

The Hon'ble W. W. Hunter, LL.D., C.I.E.

BIKRÁMA SINGH'S ESTATES BILL.

The Hon'ble MR. ILBERT moved for leave to introduce a Bill to confirm and give effect to an award made by His Excellency the Viceroy and Governor General regarding certain matters in dispute between Sardár Bikráma Singh and the Kapúrthhala State. He said:—"This is a measure which in England would be classed as a private Bill. Its object is simply to confirm and give effect to an award made for the purpose of settling certain family disputes that arose in this way. An estate in Oudh was conferred by Government on Sardár Bikráma Singh in recognition of his services during the mutiny. The Sardár allowed the settlement of this estate to be made in the name of his brother, the then Rájá of Kapúrthhala. He was afterwards dispossessed by the Rájá, and the Civil Courts held that he could not recover possession. Subsequently, Rájá Kurruck Singh of Kapúrthhala consented to reopen the case, and by agreement the question was referred to Sir Henry Davies, the Chief Commissioner of Oudh, for his decision as arbitrator. He delivered an award on the 6th of January, 1871. This award provided that the Rájá should pay five lákhs of rupees to certain persons on trust to purchase land within the province of Oudh and deliver it to the Sardár. It then went on to settle the land in a certain manner, giving a reversion, or remainder, in certain events, to the Rájá of Kapúrthhala; but serious difficulties having arisen as to its meaning and effect in this respect, the Kapúrthhala State and the Sardár consented that the matter should be considered and decided by His Excellency the Viceroy. His Excellency accordingly considered the case, and, on the 3rd of March, 1881, gave an award finally determining the rights of the Sardár, his heirs and the Rájá in the land purchased, or to be purchased, by the trustees appointed under Sir Henry Davies' award. It was anticipated by His Excellency at the time he made this award that legislation would be needed to give effect to it; and this has turned out to be the case. The present Bill has accordingly been prepared to confirm the award, and make such supplementary provisions in matters of detail as may appear necessary in order to give due effect to it."

The Motion was put and agreed to.

BRITISH BURMA STEAM-BOILERS BILL.

The Hon'ble MR. ILBERT also presented the Report of the Select Committee on the Bill to provide for the inspection of Steam-boilers and Prime-movers attached thereto in British Burma.

The Council adjourned to Wednesday, the 2nd August, 1882.

D. FITZPATRICK,

Secretary to the Government of India,

Legislative Department.

SIMLA;
The 12th July, 1882.

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The Gazette of India.

PUBLISHED BY AUTHORITY.

No. 29.] SIMLA, SATURDAY, JULY 22, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

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Nothing for publication.

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Nothing for publication.

SUPPLEMENT No. 29.

PART I.

Government of India Notifications, Appointments, Promotions, &c.

LEGISLATIVE DEPARTMENT.

NOTIFICATION.

Simla, the 21st July, 1882.

No. 8.—Whereas by Resolutions passed by the Secretary of State for India in Council on the 19th day of September, 1872, and 4th day of June, 1874, respectively, the provisions of the thirty-third of Victoria, Chapter 3, Section 1, were declared applicable to the territories now under the administration of the Chief Commissioner of Assam;

And whereas the Chief Commissioner of Assam has proposed to the Governor General in Council a draft of the following Regulation, together with the reasons for proposing the same, and whereas the Governor General in Council has taken such draft and reasons into consideration and has approved of such draft, and the same has received the Governor General's assent;

In pursuance of the direction contained in the said section, the said Regulation is now published in the *Gazette of India*:—

REGULATION No. 1 of 1882.

The Gáro Hills Regulation, 1882.

Preamble.

WHEREAS Regulation I of 1876 (the Gáro Hills Regulation, 1876), the operation of which was extended for one year by the Chief Commissioner's Notification issued with the previous sanction of the Governor General in Council on the 18th March, 1881, ceased to be in force on the 31st day of March, 1882;

and whereas it is desirable to re-enact certain provisions of the said Regulation; It is hereby enacted as follows:—

Short title.

1. This Regulation may be called "The Gáro Hills Regulation, 1882."

Local extent. Commencement.

It extends only to the Gáro Hills District, and shall come into operation on being published in the *Assam Gazette*.

Power to the Chief Commissioner—

2. The Chief Commissioner may, from time to time, subject to the control of the Governor General in Council, by notification in the *Assam Gazette*,—

to prohibit certain acts;

(*a*) prohibit all or any persons, not being Natives of the Gáro Hills District, from doing any of the following acts within the limits of the said district without a license, that is to say,—

cutting wood,

hunting animals,

collecting wax, ivory, india-rubber or other jungle products, and

to regulate the granting of licenses to do such acts.

(*b*) prescribe the conditions and restrictions subject to which, and the amount of the fees on payment of which, and the persons by whom, licenses to do any of the said acts may be granted.

3. Any person who does any act in contravention of a notification issued under section two of this Regulation,

Penalties for offences against section 2.

and any holder of a license under the said section who does any act in contravention of a restriction or condition imposed by such license,

shall be punished for a first offence with a fine not exceeding one hundred rupees, and for each subsequent offence with imprisonment of either description for a term which may extend to three months, or with a fine not exceeding five hundred rupees, or with both;

and the Magistrate by whom he is convicted may further order that all animals or carcasses of animals, and all wood, wax, ivory, india-rubber or other jungle product found in his possession, and all animals, ropes, nets, guns, ammunition and other things used by him in the commission of such offence, shall be confiscated.

4. It shall not be lawful for any British subject, or other person not being a Native of the Gáro Hills district, to acquire any interest in land or the product of land within the limits of the said district without the sanction of the Chief Commissioner, or of such officer as the Chief Commissioner may appoint in this behalf.

Acquisition of interests in land prohibited.

Any interest so acquired may be dealt with as the Chief Commissioner or the said officer may direct.

The Chief Commissioner may, from time to time, by notification in the *Assam Gazette*, extend the prohibition contained in this section to any class of persons, Natives of the said district, and may, from time to time, in like manner cancel or vary such extension.

5. The provisions of sections 64 to 70, both inclusive, of the Indian Penal Code shall apply to all fines imposed under the authority of this Regulation.

Realization of fines and imprisonment in default of payment.

6. The jurisdiction in respect of offences against this Regulation shall be exercised by such officers, and subject to such conditions, as the Chief Commissioner may, from time to time, by notification in the *Assam Gazette*, direct.

Jurisdiction.

D. FITZPATRICK,
Secy. to the Govt. of India.

HOME DEPARTMENT.

NOTIFICATIONS.—ESTABLISHMENTS.

Simla, the 20th July 1882.

No. 286.—*Appointments.*—Mr. L. Neill, C.S., Officiating Secretary to the Chief Commissioner, Central Provinces, to officiate as Commissioner of the Nagpur Division, with effect from the 15th April last, and until further orders.

Mr. A. H. L. Fraser, C.S., Junior Secretary to the Chief Commissioner, Central Provinces, and Director of Agriculture, to officiate as Secretary to the Chief Commissioner, *vice* Mr. Neill.

MEDICAL.

The 21st July 1882.

No. 310.—The services of Surgeon M. Gaisford are temporarily placed at the disposal of the Government of the North-Western Provinces and Oudh.

SANITARY.

The 19th July 1882.

No. 220.—In exercise of the powers conferred by Section 46 of the Native Passenger Ships Act, No. VIII of 1876, the Governor General in Council is pleased to make the following addition to Rule VII of the Rules published in Notification No. 112, dated 27th April 1882 :—

"In the case of ships engaged in the coasting trade, and carrying passengers on short voyages from port to port who do not ordinarily cook food on board, the officer granting the certificate B may, in his discretion, reduce the number of cooking ranges to such number, not being less than two, as may to him seem adequate to the requirements of the passengers."

JUDICIAL.

The 21st July 1882.

No. 1039.—*Appointment.*—Surgeon-Major D. Sinclair, M.B., to officiate as Inspector General of Prisons, Sanitary Commissioner, and Chief of the Civil Medical Department in British Burma during the absence on furlough of Surgeon-Major W. P. Kelly, M.B., F.R.C.S., or until further orders.

EDUCATION.

The 19th July 1882.

No. 409.—The Governor General in Council has been pleased to reappoint the Hon'ble A. Wilson to be Vice-Chancellor of the University of Calcutta, with effect from the date of the expiry of his original appointment.

A. MACKENZIE,
Secy. to the Govt. of India.

FOREIGN DEPARTMENT.

NOTIFICATIONS.—GENERAL.

Simla, the 15th July 1882.

No. 105 *G.*—Surgeon D. R. Ross, M.D., Medical Officer of the Political Residency in the Persian Gulf, is granted three months' privilege leave, with effect from the 1st July 1882, or such subsequent date as he may avail himself of the same.

The 19th July 1882.

No. 142 *G.*—Lieutenant-Colonel (Brevet Colonel) C. H. Clay, Bombay Staff Corps, Commandant, Deolee Irregular Force, is appointed to hold charge of the Haraoti and Tonk Political Agency, in addition to his own duties, during the absence on privilege leave of Major W. J. W. Muir.

No. 144 *G.*—*Erratum.*—In Foreign Department Notification No. 967 G.G., dated 9th June 1882, *for* "Lieutenant Herbert is posted as 3rd

Assistant to the Agent to the Governor General in Rajputana" *read* "Lieutenant Herbert is posted as an Assistant to the Agent to the Governor General in Rajputana."

MILITARY.

The 17th July 1882.

No. 116 *G.*—Lieutenant W. A. Watson, 1st Battalion, Worcestershire Regiment, is appointed to officiate as Squadron Officer, 2nd Regiment, Central India Horse, on probation, with effect from the 23rd June 1882.

POLITICAL.

The 21st July 1882.

No. 173 *G.*—With reference to Notifications Nos. 120, 123 and 126 G.P., dated the 21st April 1882, the recognition by the Government of India of the appointment of Mr. R. Mühry as Acting Consul for the Austro-Hungarian Empire, the German Empire, and the Kingdom of Denmark at Akyab, during the absence of Mr. Paul Koop, has been confirmed by Her Majesty's Government.

No. 170 *E.*—In supersession of the Notification by the Government of India in the Foreign Department, No. 3386 P., dated the 24th December 1875, the Governor General in Council is pleased to declare the boundaries of the "Naga Hills District" to be as follows :—

North.—From the sources of the Dikhru river in the Rengma Nága Hills, a line along the summit of the hills from which the Lungkungting, Borpung, and Tarapung streams take their rise, to the sources of the Dáhori Ján; thence down the Dáhori Ján until it meets the Kaliáni river; up the latter river to its junction with a small stream that flows into it from the west about half a mile above the Aitonia village of Kaliáni; thence in a straight line due east for about two miles until it cuts the Doigurung river; thence up to the latter river until it meets the path leading from Marphuláni to the Námbor; thence along that path for about a quarter of a mile until it meets the Tára Ján; thence along the latter stream to its junction with the Dhansiri river; thence up the Dhansiri river to its junction with the Doyong; thence up the course of the Doyong to the place where the Sibságar Inner Line cuts that river; thence along the Sibságar Inner Line.

East.—Starting from a point on the Sibságar Inner Line due north of the sources of the Rongdu river in the first range of hills, the line is drawn to those sources; thence along that stream to its junction with the Disoi river; thence over a range of hills in a south-easterly direction to the valley of the Seopáni or Chung river; thence in the same direction over another range of hills to the sources of a stream falling into the Chebi river due east of the village of Mekula; down that stream to its junction with the Chebi river; thence down that river to its junction with the Doyong; thence up the Doyong to the junction of the rivers Zullo and Sijjo; thence up a spur running southwards through the Chesama khel of Rangazuma to the ridge on which the village of Chajubáma stands; thence across the latter ridge (leaving Chajubáma on the east) and down into the valley of the Thezir river; thence up the spur below the hill Nammuh; thence along the ridge southwards to the Kopamedza peak.

South.—From the Kopamedza peak along the watershed to the Tellizo peak; thence down a small stream called the Sokharri to the junction of that stream with the Sijjo river; thence down that river to its junction with a small stream called the Merori; thence up a ridge between the two feeders of this stream to the crest of the ridge dividing the Zullo from the Sijjo between the villages of Kidima and Phusami; thence along this ridge from boundary pillar to pillar to the Nápu Hill; thence down a small streamlet to a spot about a quarter of a mile below where the main feeder of the Zullo river is joined by this stream; thence up this feeder to its source in the Khurrho peak; thence along the summit of the Barail range to Tenepu peak; thence along the Zupvo river from its source to its junction with the Quetzo or Barak river; thence down the latter river to its junction with the Chulini river; thence up the latter river till it meets a spur from the hill on which the Nága village of Ungulna or Gulna stands; thence up that spur to the summit of the range from which the Jhinam, Jhiri, and Makho rivers take their rise; then along that range to the sources of the Langting river in the peak about three miles east of Semkhor.

West.—From the peak three miles east of Semkhor down the Langting river to where it is joined by the Longreng river; thence up that river to its source; thence over the crest of the range to the sources of the Lumding river; thence down this river to its junction with the Longphir river; thence by the combined streams till they fall into the Diyung; thence down the latter river till it is joined by the Lamasakhong stream; thence up the latter stream to its point of exit from the hills; thence along the foot of the hills in a succession of straight lines from headland to headland, that is to say, from the foot of one spur to that of the next in a straight line, not following all the sinuosities into the hills, crossing the Lonka Ján and the Dikhreng Khrong streams at their respective points of exit from the hills, as far as the exit from the hills of the Dimuru Ján; thence down the latter stream as far as the village of Kaki Ramsa, whence the line turns off to the north, following the path between Kaki Ramsa and the village of Sarkher to the latter village on the left bank of the Jamuna river; thence up the Jamuna river to its junction with the Samaguri Ján; thence up the latter stream for about two miles to its point of exit from the Rengma Hills; thence along the foot of the hills from headland to headland, crossing the Zikok, Dighulpani, Salador, Longsompi, and Horghati streams at their respective points of exit from the hills, until the line meets the Dikhru river, which latter thence forms the boundary up to its source in the Rengma Hills.

C. GRANT,
Secy. to the Govt. of India.

PROCLAMATION.

POLITICAL.

Simla, the 18th July 1882.

No. 169 *I.*—In exercise of the powers vested in him by Statute 28 and 29 Victoria, Chapter 17, Section 4, the Governor General in Council is pleased to declare that the lands occupied by the Indus Valley State Railway, and the works, premises, and stations thereof, within the limits of the Bahawalpur State, which have been ceded to the British Government in full sovereignty by that State since the issue of the Proclamation by the Government of India, No. 1325 I.P., dated Simla, the 14th July 1879, shall be subject to the Lieutenant-Governorship of the Punjab.

C. GRANT,
Secy. to the Govt. of India.

DEPARTMENT OF FINANCE AND COMMERCE.

NOTIFICATIONS.

Simla, the 15th July 1882.

No. 2467.—Mr. D. M. Barbour, B.C.S., is appointed to officiate, until further orders, as Secretary to the Government of India in the Department of Finance and Commerce.

Mr. T. C. Hope, B.C.S., C.S.I., and Mr. D. M. Barbour, B.C.S., respectively made over and received charge of the appointment of Secretary to the Government of India in the Department of Finance and Commerce after noon on the 15th July 1882.

STEPHEN JACOB,
Offg. Under-Secy. to the Govt. of India.

The 17th July 1882.

No. 2469.

RESOLUTION—By the Government of India, Department of Finance and Commerce.

Read—

Resolution in this Department, No. 1438, dated 8th March 1882.

RESOLUTION.—A considerable supply of stock notes having now been received from England at Calcutta, Madras, and Bombay, and the necessary printing into them of the names of the several circles as well as of the year-figures being considerably advanced, His Excellency the Governor General in Council considers that the sale should commence in all Provinces (except British Burma and Berar) with as little further delay as possible.

2. In the Punjab two syndicates have been formed,—one for Lahore and the other for the rest of the Province,—and a sufficient supply of notes has partly been already delivered to the Accountant General, and will be completed in the course of a few days. The transfer to the syndicates of such quantities as they require may therefore commence at once.

3. In the North-Western Provinces syndicates have been constituted for the Benares and Allahabad Divisions on the one hand and the Agra and Meerut Divisions on the other, and supplies of the notes are nearly complete, so that sales will commence in a few days, as in the Punjab. With the view to one or more syndicates for the rest of the Province, certain parties have placed themselves in communication with the Accountant General, who should report the final result to this Department as soon as possible. But he should at once proceed, irrespective of any such negotiations, to complete his supplies from the Comptroller General and to issue to the several Treasuries and Sub-Treasuries in the remaining portion of the Province, with a view to the early commencement of sales by Government officers as contemplated in clause (8) of paragraph 4 of the Resolution quoted above.

4. The Comptroller General should similarly supply, in communication with the Accountant General and Comptroller respectively, all Treasuries and Sub-Treasuries in Bengal and Assam, and the Accountant Generals at Bombay

and Madras and the Comptroller at Nagpore those within their respective limits, the last-named officer indenting on Bombay for whatever notes he may require.

5. It is considered indispensable that sales should commence on the same date at all the Treasuries and Sub-Treasuries in the same Province, in order to prevent inconvenience to the public and derangement of the supply of the several localities according to their probable normal demand. The several officers who have in the preceding paragraphs been directed to supply their Treasuries and Sub-Treasuries should therefore commence their issues with the most distant localities, estimate as nearly as possible the date by which all will have been supplied, and then publish as widely as possible, with the aid of the local executive authorities, a notice in the vernacular in the following terms :—

"Notice is hereby given that the sale of Stock Notes to the public will commence on the instant at the Government Treasuries and Sub-Treasuries specified below. The Notes are issued under the conditions specified in the Resolution of the Government of India in the Department of Finance and Commerce, No. 1438 of 8th March 1882. Interest will be payable annually, on production of the Note with coupons attached, at any of the said Treasuries or Sub-Treasuries, and Notes of lower will be exchanged for Notes of higher denomination, or new Notes will be issued, under due precautions, in the place of Notes lost or destroyed, on application at the same."

[*Here should follow the list of Treasuries and Sub-Treasuries.*]

6. By the preceding paragraph the officers concerned have been severally authorised, in supersession of all previous instructions, to fix and notify, without further reference to this Department, the date of simultaneous commencement of sales within their respective limits; but His Excellency the Governor General in Council relies on them for making every effort to ensure that date being the earliest possible. The date so fixed should be telegraphed to this Department for information.

ORDERED, that this Resolution be communicated to the Comptroller General and the several Accountants General for information and guidance, and to the Local Governments and Administrations and the Press Commissioner for information; and also that it be published in the *Gazette of India.*

The 21st July 1882.

No. 2479.—Mr. E. S. Byrne assumed charge of the appointment of Deputy Accountant General, North-Western Provinces and Oudh, before noon on the 6th July 1882.

No. 2534.—The following Addendum to the Codes of the Financial Department is published for general information :—

CIVIL LEAVE CODE.

Page 198.

Section 157, Rule 2.

Insert the words "for reasons stated" *between* "may allow" *in Proviso V and after* "may" *in Proviso VI, respectively.*

No. 2582.—Mr. J. G. Combes is appointed to officiate as Presidency Post Master, Madras, during the absence on furlough of Mr. M. Percy, or until further orders. Mr. Combes received charge of the appointment before noon on the 19th June 1882.

D. M. BARBOUR,
Offg. Secy. to the Govt. of India.

MILITARY DEPARTMENT.

Simla, the 21st July, 1882.

APPOINTMENTS.

No. 392.—PERSONAL STAFF—

The following appointment has been made on the personal staff of Major-General Sir H. T. Macpherson, K.C.B., V.C., Bengal S. C., Commanding Allahabad Division :—

Lieutenant F. C. E. Childers, R.A., to be Aide-de-Camp. Dated 29th October, 1881.

No. 393.—COMMISSARIAT DEPARTMENT—

The undermentioned Sub-Assistant Commissaries General, 3rd Class, to be Sub-Assistant Commissaries General, 2nd Class :—

Lieutenant W. R. Yeilding,—29th January, 1882.

Lieutenant C. G. B. Hervey,—28th March, 1882.

Lieutenant J. P. Sparling,—30th March, 1882.

Lieutenant R. B. Shawe,—17th May, 1882.

No. 394.—HYDERABAD CONTINGENT—

6th Infantry.

Lieutenant E. F. H. McSwiney, Officiating Wing Officer, on probation, 11th Native Infantry, to be Officiating Wing Officer, on probation, *vice* Captain W. H. Salmon, officiating as Wing Commander and 2nd-in-Command, 4th Infantry.

This cancels that portion of G. G. O. No. 316 of 1882 which refers to Lieutenant C. M. Maguire.

FURLOUGH AND LEAVE.

No. 395.—The undermentioned officer is granted furlough out of India, with the necessary subsidiary leave.

Surgeon-Major W. P. Harris, M.D., (m. c.) for one year, under rules IX and XV of the regulations of 1868.

No. 396.—The undermentioned officers have been granted extensions of furlough by the Right Hon'ble the Secretary of State for India :—

Captain F. T. N. Spratt, R.E., (p. a.) for 130 days.

Lieutenant H. T. G. Burne, Bengal S. C., (m. c.) for six months.

Surgeon-Major F. Odevaine, (m. c.) for four months.

LONDON GAZETTE.

No. 397.—The following extracts are published for general information :—

"London Gazette," dated the 9th June, 1882, page 2688.

"WAR OFFICE;

Pall Mall, 9th June, 1882.

MEMORANDA.

Lieutenant-Colonel Charles Vanrenen Conway-Gordon, Bengal S. C., to be Colonel. Dated 1st October, 1881.

INDIAN LOCAL FORCES.

Lieutenant-General George Samuel Montgomery, C.S.I., Bombay Infantry, has been transferred to the Unemployed Supernumerary List. Dated 7th May, 1882.

The following promotions to take place in succession to Lieutenant-General G. S. Montgomery, C.S.I. :—

Major-General John Crosbie Graves, C.B., Bombay Cavalry, to be Lieutenant-General. Dated 7th May, 1882.

Major-General John Gordon, C.B., Bengal Infantry, to be Lieutenant-General on the Unemployed Supernumerary List. Dated 7th May, 1882.

"London Gazette," dated the 13th June, 1882, page 2743.

WAR OFFICE;

Pall Mall, 13th June, 1882.

MEMORANDA.

Deputy Assistant Commissary G. F. Moore, Bombay Establishment, to have the honorary rank of Lieutenant. Dated 2nd March, 1882.

The undermentioned Lieutenant-Colonels of the Indian Staff Corps to be Colonels :—

Mansfeldt George Smith, Bengal. Dated 1st July, 1881 (since retired).

Frederick Thomas Bainbridge, Bengal. Dated 20th January, 1882.

Evelyn Pulteney Gurdon, Bengal. Dated 20th January, 1882.

Thomas Kettlewell, Bombay. Dated 20th February, 1882.

Charles Kenneth Mackenzie Walter, Bengal. Dated 20th March, 1882.

INDIA OFFICE;

13th June, 1882.

HER Majesty has approved of the following promotions among the officers of the Staff Corps and Indian Military Services made by the Governments in India :—

BENGAL STAFF CORPS.

To be Lieutenant-Colonel.

Major Charles Ellison Bates. Dated 20th April, 1882.

To be Major.

Captain William Maitland Meacham. Dated 17th April, 1882.

BENGAL MEDICAL ESTABLISHMENT.

To be Deputy Surgeon-General.

Brigade Surgeon Benjamin Simpson, M.D. Dated 31st March, 1882.

To be Brigade Surgeons.

Surgeon-Major James Howard Thornton. Dated 1st March, 1882.

Surgeon-Major John Jones, M.D. Dated 1st April, 1882.

To be Surgeons-Major.

Dated 1st April, 1882.

Surgeon James Frederick Parry McConnell.
Surgeon Joseph O'Brien, M.D.
Surgeon James O'Malley McDonnell, M.D.
Surgeon James Reid.
Surgeon Gilbert Proby Mackenzie.

"London Gazette," dated the 16th June, 1882, page 2789.

INDIA OFFICE;

16th June, 1882.

HER Majesty has approved of the following admissions to the Staff Corps made by the Government of India :—

BENGAL STAFF CORPS.

To be Lieutenants.

Lieutenant Edward King Elliott Spence, from the South Lancashire Regiment. Dated 4th October, 1879, but to rank from 21st September, 1874.

Lieutenant Philip Barber Lindsell, from the Royal Irish Regiment. Dated 11th June, 1880, but to rank from 11th September, 1876.

Lieutenant Ralph Champneys Broome, from the Leinster Regiment. Dated 4th January, 1881, but to rank from 3rd April, 1880.

Lieutenant Henry Templer, from the Somersetshire Light Infantry. Dated 20th November, 1880, but to rank from 20th July, 1880.

"London Gazette," dated the 20th June, 1882, pages 2850 and 2851.

WAR OFFICE;

Pall Mall, 20th June, 1882.

MEMORANDA.

The promotions to the rank of Colonel of the undermentioned Lieutenant-Colonels of the Indian Staff Corps are dated as stated against their

names, and not as notified in the Gazette of 10th March, 1882 :—

Thomas Dennehy, Bengal. Dated 20th July, 1881.

Thomas Henry Way, Madras. Dated 12th December, 1881.

Claude Malet Ducat, Bombay. Dated 12th December, 1881.

Welby Wroughton Boddam, Bengal. Dated 12th December, 1881.

Alfred Utterson, Bombay. Dated 12th December, 1881.

Henry Rivett Mandeville Van-Heythuysen, Bombay. Dated 12th December, 1881.

Nowell Swanston, Madras. Dated 13th December, 1881.

Charles Frederic Boulton, Bombay. Dated 13th December, 1881.

James Giberne Bell, Madras. Dated 13th December, 1881.

Henry Annesley Justice, Madras. Dated 13th December, 1881.

John Rootsey Strutt, Bombay. Dated 20th December, 1881.

INDIAN STAFF CORPS.

The transfer to the Unemployed Supernumerary List of Major-General Charles Curtis Drury, Bengal, to be dated 1st March, 1882, and not 24th March, 1882, as stated in the Gazette of 5th May 1882.

The promotions to the rank of Major-General of the undermentioned Officers to be antedated :—

Colonel Augustus Ritherdon, Madras, from 2nd March, 1882, to 1st March, 1882, and to be *vice* Drury, instead of *vice* Wright, deceased.

Colonel John Irvine Murray, C.B., Bengal, from 24th March, 1882, to 2nd March, 1882, and to be *vice* Wright, deceased, instead of *vice* Drury.

Colonel William Alexander Riach, Madras, on the Unemployed Supernumerary List, from 2nd March, 1882, to 1st March, 1882.

INDIAN LOCAL SERVICE.

The transfer to the Unemployed Supernumerary List of Lieutenant-General David Scott Dodgson, C.B., Bengal Infantry, to be dated 10th March, 1882, and not 20th March, 1882, as notified in the Gazette of 5th May, 1882.

The promotions to the rank of Lieutenant-General of the undermentioned Officers to be antedated from 20th to 10th March, 1882 :—

Major-General David Brown, Madras Infantry.

Major-General Douglas Hamilton, Madras Infantry, on the Unemployed Supernumerary List.

The promotion to the rank of Major-General of the undermentioned Officer to be antedated from 2nd to 1st March, 1882, and to be *vice* Drury, instead of *vice* Wright, deceased :—

Colonel Jonathan Augustus Spry Faulknor.

INDIA OFFICE ;
20th June, 1882.

The Queen has approved of the retirement from the service of the undermentioned Officers of Her Majesty's Indian Military Forces :—

Lieutenant-Colonel Otway Mayne Graham, of the Bengal Staff Corps. Dated 30th March, 1882.

Lieutenant-Colonel Charles Ellison Bates, of the Bengal Staff Corps. Dated 21st April, 1882.

Lieutenant-Colonel Simon Fraser McGillivray of the Bombay Staff Corps. Dated 1st May, 1882.

Lieutenant-Colonel Murray Doveton Valentine Treasure Grant, of the Bombay Staff Corps. Dated 16th June, 1882.

Deputy Surgeon-General William Henry Adley, of the Bengal Army. Dated 1st April, 1882.

Her Majesty has approved of the undermentioned Officer resigning the service :—

Major John Colledge, of the Bengal Staff Corps. Dated 1st June, 1882.

Her Majesty has approved of the removal from the Service, on a compassionate allowance, of the undermentioned Officer :—

Captain Charles Andrew Coles, of the Bengal Staff Corps. Dated 20th June, 1882.

BREVET.

The undermentioned Officers are granted a step of Honorary Rank on retirement :—

To be Colonels.

Lieutenant-Colonel Otway Mayne Graham, of the Bengal Staff Corps. Dated 30th March, 1882.

Lieutenant-Colonel Charles Ellison Bates, of the Bengal Staff Corps. Dated 21st April, 1882.

Lieutenant-Colonel Simon Fraser McGillivray, of the Bombay Staff Corps. Dated 1st May, 1882.

Lieutenant-Colonel Murray Doveton Valentine Treasure Grant, of the Bombay Staff Corps. Dated 16th June, 1882.

Lieutenant-Colonel Mansfeldt George Smith, of the Bengal Staff Corps, whose retirement from the Service, and promotion to the honorary rank of Colonel thereon, was notified in the *London Gazette* of the 7th October, 1881, having been promoted to the rank of Colonel by Brevet with effect from the 1st July, 1881, is granted the honorary rank of Major-General from the 5th September, 1881."

No. 398.—In G. G. O. No. 275 of 1882 opposite the name of Lieutenant Smith, *for* "21st September 1876," *read* "21st September *1875*."

PROMOTIONS.

No. 399.—The following promotions are made, subject to Her Majesty's approval :—

BENGAL STAFF CORPS.

To be Lieutenant-Colonels.

Major Thomas Reid Davidson,—15th July, 1882.

Major (Brevet Lieutenant-Colonel) Hamilton Chapman,—15th July, 1882.

To be Major.

Captain Frederick Augustus Samuel D'Acosta de St. Laurent,—8th July, 1882.

BREVET.

To be Colonels.

Lieutenant-Colonel Charles Joseph Stuart, Madras S. C.,—20th July, 1882.

Lieutenant-Colonel John Charles Campbell Daunt, V.C., Bengal S. C.,—20th July, 1882.

No. 400.—Under the provisions of the Royal Warrant of the 10th November, 1881, the names

of the undermentioned officers are placed on the Indian Gradation List, as specified :—

Colonel (now Major-General) Sir L. Pelly, K.C.B., K.C.S.I., Bombay S. C., is placed on the list of Major-Generals in consequence of the death of Major-General J. A. Wright, Bengal S. C., on the 1st March, 1882.

Colonel C. H. Abdy, Madras S. C., is placed on the list of Major-Generals in consequence of the transfer to the Unemployed Supernumerary List of Lieutenant-General D. S. Dodgson, C.B., Bengal Infantry, on the 10th March, 1882.

Lieutenant-General (now General) *Sir* H. W. Norman, K.C.B., C.I.E., Bengal S. C., is placed on the list of Generals,

Colonel J. Marquis, Bengal S. C., is placed on the list of Major-Generals,

in consequence of the transfer to the Unemployed Supernumerary List of General R. G. Taylor, C.B., C.S.I., Bengal S. C., on the 1st April, 1882.

No. 401.—The following promotions are made, subject to Her Majesty's approval :—

BREVET.

To be Lieutenant-Colonels.

Major John Shakespear Irvine, Bengal Cavalry, in succession to Major-General J. A. Wright, Bengal S. C., deceased. Dated 2nd March, 1882.

Major Albert Purcell Currie, Bombay Cavalry, in succession to Lieutenant-General D. S. Dodgson, Bengal Infantry, transferred to the Unemployed Supernumerary List. Dated 10th March, 1882.

Major Richard Graham Birch, Bengal Cavalry, in succession to General R. G. Taylor, C.B., C.S.I., Bengal S. C., transferred to the Unemployed Supernumerary List. Dated 1st April, 1882.

No. 402.—The promotion of Major P. Roddy, V.C., Bengal Unattached List, to the rank of Lieutenant-Colonel by brevet, is antedated to the 1st March, 1882, in succession to Major-General C. C. Drury, Bengal S. C., transferred to the Unemployed Supernumerary List, subject to Her Majesty's approval.

No. 403.—MILITARY WORKS DEPARTMENT—

The Governor General in Council is pleased to make the following promotions in the Engineering Establishment of the Military Works Department, with effect from 26th June, 1882 :—

Names.	From	To
Captain J. F. Garwood, R.E. ...	Executive Engineer, 3rd Grade.	Executive Engineer, 2nd Grade.
Lieut. F. B. G. D'Aguilar, R.E. ...	Executive Engineer, 4th Grade.	Executive Engineer, 3rd Grade.
Captain S. J. Lambert, R.E. ...	Temporary Executive Engineer, 4th Grade.	Executive Engineer, 4th Grade.

No. 404.—Conductor Charles Atkinson, Sub-Engineer, 3rd Grade, Military Works Department, is promoted to the rank of Deputy Assistant Commissary as a supernumerary, for good service performed beyond the frontier during the Afghan War.

No. 405.—NATIVE ARMY—

8th Bengal Cavalry.

Ressaidar Sahib Dad Khan, to be Ressaldar, *vice* Sarup Singh, invalided; Jemadar Aminulla Khan, to be Ressaidar, *vice* Sahib Dad Khan, promoted; Kote-Duffadar Albeb Singh, to be Jemadar, *vice* Aminulla Khan, promoted,—1st May, 1882.

24th Native Infantry.

Jemadar Bidi Chand, to be Subadar, *vice* Futteh Sing, invalided; Havildar Sonoo, to be Jemadar, *vice* Bidi Chand, promoted,—24th March, 1882.

28th Native Infantry.

Havildar Gopal Singh, to be Jemadar, *vice* Lall Singh, deceased,—17th May, 1882.

32nd Native Infantry.

Jemadar Punjab Singh, to be Subadar, *vice* Gunda Singh, invalided; Havildar Heera Singh, to be Jemadar, *vice* Uddoo Singh, invalided; Havildar Urjon Singh, to be Jemadar, *vice* Punjab Singh, promoted,—1st May, 1882.

40th Native Infantry.

Subadar Baghail Sing is appointed Subadar Major, *vice* Chet Sing "Sirdar Bahadur," invalided,—11th April, 1882.

RETIREMENTS.

No. 406.—Lieutenant-Colonel (Brevet Colonel) Alexander Andrew Bruce, Bengal S. C., late Commandant 37th Native Infantry, is permitted to retire from the service under the provisions of G. G. O. No. 210 of 1882, paragraph 21, clause 1, with effect from the 15th July, 1882, subject to Her Majesty's approval.

G. CHESNEY, *Colonel,*
Secretary to the Government of India.

MILITARY DEPARTMENT.

NOTIFICATION.

Calcutta, the 17th July, 1882.

Under Clause 26 of the Regulations appended to the Regimental Debts Act of 1863, it is notified that reports of the deaths of the undermentioned Commissioned and Warrant Officers, on the dates specified, were received in the Military Department from the 19th June to the 17th July, 1882 :—

Corps.	Rank and Names.	Date of decease.	Place of decease.	Testate or Intestate.	Remarks.
Cheshire Regiment ...	Captain W. B. Potter ...	4th July, 1882...	Peshawar...	...	...
Worcestershire Regiment	Lieutenant H. L. Haughton ...	9th " ...	Benares ...	...	...
Staff Corps ...	Captain C. W. Monypenny ...	11th " ...	Murree ...	...	...

Statement of Deposits on account of Estates from the 30th May to the 17th July, 1882.

On whose account.	Rank.	Corps.	Date of decease.	Testate or Intestate.	Total unclaimed amount deposited.	Amount paid in India.	Date to which claims will be received.
British Military Service.							
John William Stevenson (a).	Lieutenant ...	Royal Warwickshire Regiment.	24th March, 1882.	Intestate	Rs. 1,103-4-0	...	17th September, 1882.

(a) *Next-of-kin*—Mother. *Brother*—James Stevenson. *Address*—Scottish Club, Dover Street, London W.

W. M. LEES, *Colonel,*
Officiating Secretary to the Government of India.

PUBLIC WORKS DEPARTMENT.

NOTIFICATIONS.

Simla, the 19th July 1882.

No. 178.—The following officiating promotions are ordered, with effect from the 12th June 1882 :—

Major H. McV. Crichton, R.E., Superintending Engineer, Class III, temporary rank, Military Works Branch, to Superintending Engineer, Class II.

Major H. Johnson, Executive Engineer, 1st Grade, State Railways, to Superintending Engineer, Class III.

No. 179.—*Corrigendum.*—In Government of India, Public Works Department, Notification No. 176, dated 14th July 1882, *for* "permanent" *read* "substantive *pro tem.*," and *for* "Tabbs" *read* "Tebbs."

W. S. TREVOR, *Colonel, R.E.,*
Secy. to the Govt. of India.

The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, JULY 22, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller General, &c.

GAZETTE OF INDIA.

NOTICE.

The 11th March 1882.

From the 8th April next, till further notice, Parts I, IV, and V of the *Gazette of India*, and the Weather and Crop Report, will be published at Simla. After the 1st April, all Notifications and other matter intended for publication in those Parts, should be addressed to the Officiating Publisher at that station.

Parts II and III and the Supplement will continue to be published in Calcutta.

Parts IV and V of the *Gazette of India*, containing the Acts and Bills of the Legislative Council, may be subscribed for separately from the other Parts of the Gazette. The annual subscription for the two Parts will be Rs. 5 per annum, payable in advance. When sent by post, Rs. 2-8 per annum additional will be charged for postage. For the current year these Parts are available from 1st May only, the back numbers being out of print.

Complaints regarding non-receipt of any number of the *Gazette* should be forwarded within a week after the day on which it is due.

Applications for the supply of the *Gazette* on the *public service* should be addressed to the Home Department.

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E. J. DEAN,

Publisher, Gazette of India.

NOTICE.

The Office of Superintendent of Government Printing having been removed to No. 166, Dhurrumtollah Street, all communications intended for that Office should be sent to that address.

E. J. DEAN,

Supdt. of Govt. Printing, India.

REVENUE BRANCH, SURVEY OF INDIA.

NOTIFICATION.

Calcutta, the 18th July 1882.

No. 9.—Mr. J. McHatton, Assistant Surveyor, 1st Grade, is allowed privilege leave for two months, under the provisions of Chapter X, Section 136, of the Civil Leave Code.

J. SCONCE, *Lieut.-Col.,*

Deputy Surveyor General.

SURGEON-GENERAL WITH THE GOVERNMENT OF INDIA.

NOTIFICATIONS.

Simla, the 19th June 1882.

No. 33.—Third Grade Assistant Surgeon Hira Lal Nan, of the supernumerary list, is permitted to resign the service.

The 30th June 1882.

No. 34.—Third Grade Assistant Surgeon Raj Kumar Roy, of the supernumerary list, is dismissed the service.

J. M. CUNINGHAM, M.D.,

Surgeon-General with the Government of India.

BANK OF BENGAL.

NOTICE.

Calcutta, the 20th July 1882.

The Annual General Meeting of the Proprietors and Shareholders of the Bank of Bengal will be held at the Bank on Monday, the 14th proximo, at 3 P.M., for the transaction of the following business:—

I. To receive the Directors' report and the audited accounts up to 30th June 1882.

II. To elect two Directors in room of Mr. W. Alexander and Mr. J. J. Guise, who go out by rotation, but who are eligible for re-election.

III. To elect two Auditors and to fix their remuneration.

By Order of the Board,

W. D. CRUICKSHANK,

Offg. Secretary & Treasurer.

AGENT, GOVERNOR GENERAL, FOR RAJPUTANA.

NOTIFICATIONS.

Mount Abu, the 11th July 1882.

No. 1918 *G.*—Lieutenant-Colonel F. W. Boileau, Commandant, Merwara Battalion, returned to duty on the 3rd July 1882 from the privilege leave granted him in this Office Notification No. 1159, dated 1st May 1882.

The 14th July 1882.

No. 1955 *G.*—Major P. W. Smith, Officiating 2nd-in-Command, Merwara Battalion, is granted thirty-seven days' privilege leave, with effect from the 1st July 1882.

By Order,

E. A. FRASER,

1st Asst. Agent to the Govr. Genl.

AGENT, GOVERNOR GENERAL, AND CHIEF COMMISSIONER, RAJPUTANA, P. W. D.

NOTIFICATIONS.

Mount Abu, the 13th July 1882.

No. 1634 *S.*—Whereas land is required in the Ajmere District for a public purpose, *viz.*, for diversion of a main line of Railway from Ajmere to Ahmedabad, this declaration is made in accordance with the provisions of Section 6 of Act X of 1870.

District.	Pargana.	Village.	AREA REQUIRED.			Purpose for which required.	REMARKS.
			Permanent.	Temporary.	TOTAL.		
			A. R. P.	A. R. P.	A. R. P.		
Ajmere .	Ajmere .	Ajmere .	0 1 3	0 1 1⅛	0 2 4⅛	Diversion of a main line of Railway.	The plan of the land can be seen at the Office of Assistant Commissioner of Ajmere.

The 15th July 1882.

No. 1681*S.*—Whereas land is required in the Ajmere District for a public purpose, *viz.*, for the construction of a tramway by the Railway to the Saradhna Quarry, this declaration is made in accordance with the provisions of Section 6 of Act X of 1870.

District.	Pargana.	Village.	AREA REQUIRED FOR OCCUPATION.		TOTAL.	Purpose for which required.	REMARKS.
			Permanent.	Temporary.			
			A. R. P.	A. R. P.	A. R. P.		
Ajmere .	Rajgarh .	Saradhna	...	2 3 19	2 3 19	For the construction of a tramway to the Saradhna Quarry for the supply of materials.	The plan of the land may be seen at the Office of the Assistant Commissioner, Ajmere.

By Order,

J. P. STEEL, *Lieut.-Col., R.E.,*

Secy. to the Agent, Govr. Genl., & Chief Commr., P. W. D., Rajputana.

CHIEF COMMISSIONER OF COORG.

PROCLAMATIONS.

Bangalore, the 17th June 1882.

The lands specified in the undermentioned Schedule having been sold by public auction under Regulation III of 1880, being an Act for the recovery of arrears of revenue in the Province of Coorg, it is hereby declared, under section 39 of the said Regulation, that all the rights and property of the former landholders in the said lands are lawfully transferred to the purchasers named in the said Schedule.

SCHEDULE.

Name of former holder.	Name of Estate.	Situation of the land and description of buildings, if any.				Extent.		Name of purchaser.	Date of purchase.
		Taluk.	Nad.	Village.	Buildings, if any.	Survey No.	Acres.		
						Estimated.			
Mr. Leslie Garland.	Iavandimale (Bittangal).	Kiggatnad .	Bettyatnad .	Badaga .	Houses and lines.	...	35	Mr. J. W. Hays.	1st June 1882.
Ditto . .	Ditto . .	Ditto .	Ditto .	Ditto .	None .	...	60	Ballachanda Muthannah.	Dttto.
Ditto . .	Iyenkokkamale (Bittangal).	Ditto .	Ditto .	Ditto .	None .	...	239	Konganda Iyemmah.	Ditto.

The 15th July 1882.

The lands specified in the undermentioned Schedule having been sold by public auction on the 23rd March 1882, under Regulation III of 1880, being an Act for the recovery of arrears in the Province of Coorg, it is hereby declared, under section 39 of the said Regulation, that all rights and property of the former landholders in the said lands are hereby transferred to the purchasers.

SCHEDULE.

Serial number.	Name of former holder.	Situation of the land and description of building, if any.			Extent in buttics.	Name of purchaser.	Date of purchase.
		Taluk.	Nad.	Village.			
1	Tetira Nanjava . .	Kiggatnad .	Pavalgerinad	Manchalli .	610	Ballatecalana Ganapathy.	23rd March 1882.
2	Mapilay Comenda Topi .	Yedenalknad	Yedenalknad	Betole .	111¼	Ballachanda Moothannah.	Ditto.
3	Gavadagala Balana . ..	Ditto .	Amomattnad	Hosakote .	485	Vendor Krishniah .	Ditto.
4	Gaudagala Somiya . .	Ditto .	Ditto .	Ahtur .	456¼	Ditto . . .	Ditto.

W. HILL,
Commissioner.

NOTIFICATIONS.

Bangalore, the 13th July 1882.

No. 14.—Under the provisions of Section 4 of Act XV of 1873, North-Western Provinces and Oudh Municipalities Act, which was extended to the Province of Coorg (excepting Sections 34 and 35) by Notification of the Government of India, Home Department, No. 835 of the 14th June 1882, it is hereby declared that it is the intention of the Local Government to extend the said Act to the undermentioned towns in Coorg :—

Mercara. | Fraserpet.
Verajendrapet. | Somvarpet, and
Kodlipet.

The 15th July 1882.

No. 15.—K. Ganapatti is appointed to be Subedar and 3rd Class Magistrate of the Mercara Taluk, *vice* B. Kariappah, dismissed.

Mr. Ganapatti is invested with the powers of a Magistrate of the 2nd Class, and with the additional powers described in Section 25(a) of the Criminal Procedure Code; with the exception of the power to entertain without complaint cases which he has jurisdiction to try or to commit for trial (3), and power to commit for trial (4).

No. 16.—Mr. C. Soobiah, Rai Bahadur, 2nd Assistant Commissioner of Coorg, is granted three months' privilege leave, under Section 136 of the Civil Leave Code, from such date as he may avail himself of it.

Mr. K. Ganapatti, Subedar of the Mercara Taluk, is appointed to act for C. Soobiah, Rai Bahadur, 2nd Assistant Commissioner, during the latter's absence on leave.

N. Monappa, Subedar of the Padinalknad Taluk, is appointed, on his return from the leave granted in Notification No. 11 of the 15th June 1882, to act as Subedar of the Mercara Taluk, during the absence of Mr. Ganapatti on other duty.

By Order,
H. WYLIE, *Major*,
Secretary to the Chief Commr. of Coorg.

CHIEF COMMISSIONER OF COORG, PUBLIC WORKS DEPARTMENT.

NOTIFICATION.

Bangalore, the 13th July 1882.

Mr. F. Sharp, Temporary Executive Engineer, Coorg Division, passed the Departmental Standard Examination prescribed in paragraph 21, Chapter ii, Section 1, of the revised Public Works Code, on the 20th June 1882.

By Order,

A. LEMESSURIER, *Lieut.-Col., R.E.,*

for *Secy. to the Chief Commr. of Coorg, P. W. D.*

MILITARY DEPARTMENT—Military Works.

NOTIFICATIONS.

Simla, the 15th July 1882.

No. 34.—Lieutenant F. Peel, R.E., Assistant Engineer, 2nd Grade, is appointed to officiate as Executive Engineer, Agra Division, Military Works, during the absence of Lieutenant W. T. Shone, R.E., Executive Engineer, on privilege leave.

The 17th July 1882.

No. 35.—With reference to Military Department Notification No. 374, dated 7th July 1882, Lieutenant G. Williams, R.E., Assistant Engineer, 2nd Grade, is posted to the Rawalpindi Command, Military Works.

No. 36.—With reference to Military Department Notification No. 374, dated 7th July 1882, Lieutenant C. D. Learoyd, R.E., Assistant Engineer, 2nd Grade, is posted to the Sirhind and Lahore Command, Military Works.

J. J. McLEOD INNES, *Colonel, R.E.,*

Inspr. Genl. of Military Works.

DIRECTOR GENERAL OF RAILWAYS.

NOTIFICATIONS.—ESTABLISHMENT.

Simla, the 13th July 1882.

No. 45.—Mr. H. W. Bennett, Assistant Engineer, 2nd Grade, passed the Lower Standard Examination in Hindustani, on the 1st May 1882.

The 18th July 1882.

No. 46.—Mr. R. F. Coppin, Assistant Engineer, 1st Grade, is transferred from the late Nimach-Nasirabad Railway to the Punjab Northern State Railway, Open Line.

F. S. STANTON, *Col., R.E.,*

Director General of Railways.

ORDERS BY THE VICE-CHANCELLOR AND SYNDICATE OF THE CALCUTTA UNIVERSITY.

The following subjects are appointed for the Examinations of 1884-85 :—

ENTRANCE EXAMINATION, 1884.

GREEK.

Xenophon ...	... Anabasis, Books I and II.
Homer ...	... Iliad, Book I.

LATIN.

Cornelius Nepos	... Vitæ (the whole).

SANSKRIT.

Sahityasangraha	... Rajanikanta Gupta.

ARABIC.*

Selections from the Alif Laylah prepared for the Higher Standard Examination of Military and Civil Officers.

PERSIAN.

Iqd-i-Gul ...	... Pages 1 to 105.
Iqd-i-Manzum.	

HEBREW.

The Book of Genesis.

BENGALI.†

Selections by the Rev. K. M. Banerjea, D.L.

URDU.†

Selections in Prose by Raja Sivaprasad, C.S.I.
Selections in Poetry by Mr. Browning.

HINDI.

Rámáyana ...	... Balkánda.
Rajniti ...	... The first two chapters.

URIYA.

Rámáyana ...	... Sundrakanda.
Jiban Charita	... Translation from Ishwarchandra Vidyasagara, by Fakeer Chand Senapati.
Raghuvansa. ...	... The whole.

ARMENIAN.

History of Armenia	... Books I—III.

BURMESE.

Zeneka.	
Dhamma Padha-ga-hta	... Selections (Rangoon Mission Press, 1873).

PALI.

Pali Miscellany, by Professor Trenckner (28 pages of text).
Selections from the Jatakas (Professor Fausböll's edition), the Apannajataka (36 pages of text).

FIRST EXAMINATION IN ARTS, 1884.

ENGLISH.

Milton ...	... Paradise Lost, Book I.
Scott ...	... Lady of the Lake.
Goldsmith ...	... The Traveller.
Dowden ...	... Life of Southey (Morley's English Men of Letters).
Creighton ...	... Life of Sir Walter Raleigh.
Sir Alexander Grant	... Xenophon (Ancient Classics for English Readers).
Stopford Brooke	... Primer of English Literature, Chapters V and VI.

GREEK.

Herodotus ...	... Book IV.
Euripides ...	... Hecuba.

LATIN.

Virgil ...	... Æneid, Book VI.
Cicero ...	... Pro Archia and Pro Milone.

With passages of Latin authors not prescribed beforehand to be translated into English.

* Urdu Guide Press.

† Messrs. Thacker, Spink & Co.

SANSKRIT.

Bánabhatta ... ... Shri'harsa Charita, Uchchhvása V.
Kalidása ... ... Raghuvánsa, Cantos X—XV.

ARABIC.†

Selections by Mr. Kempson.

HIBREW.

Genesis.
Ruth.
Psalms I—XLI.

PERSIAN.

Sih nasar-i-Zahuri ... First 50 pages.
Ruquat-i-Mirza Bedil ... Ditto.
Qasaid-i-Urfi ... Ditto.
Sekandar Namah ... Ditto.

PALI.

Jatakas (Fausböll's edition); Vaggo I—IV, pages 95—234.
Dhammapada (Fausböll's edition); the first Bhanavaram, pages 1—35.

BENGALI SUBJECTS FOR FEMALE CANDIDATES.

Sivanath Sastri ... Nirbásitarviláp.
Akshaykumar Datta ... Dharmaniti.

PHYSICAL SCIENCE.

Ganot's Popular Natural Philosophy, 4th Edition... Book I, omitting articles 12 13 and 62—75. Book II, omitting articles 107—110. Book III, omitting articles 124—131.
Book V, omitting articles 240—242; 252; 258—262; 268—271; 273—277; 279; 282—287; 293—298.
Book VI, omitting articles 370—372; 374—377; 378; 381—393; 396; 397.
Book VII, omitting articles 407—409.
Book VIII, omitting articles 502—508.

MENTAL AND MORAL SCIENCE.

Logic ... ... Jevons's Elementary Lessons in Logic, Chaps. I—XXI.

HISTORY.

Smith ... ... Smaller History of Greece.
Creighton ... ... Primer of Roman History.

MATHEMATICS.

Todhunter (5th Edition) ... Algebra, Chaps. I—XXVIII; XXX—XXXVI; XXXVIII and XXXIX to the end of article 547.

Or any book covering the same ground.

Wilson ... ... Elementary Geometry (Edition 1881), Books I—V.
Wilson ... ... Conic Sections, Chaps. I and II, and the first two theorems of Chap. III.
Hamblin Smith ... Trigonometry.

B. A. EXAMINATION, 1885.

ENGLISH.

PASS COURSE.

Shakespeare ... ... Hamlet, Henry V, Tempest (with Dowden's Shakespeare Primer).
Milton ... ... Samson Agonistes.
Tennyson ... ... Guinevere and The Passing of Arthur.
Palgrave ... ... Golden Treasury, Book III.
Milton ... ... Areopagitica.
Burke ... ... Thoughts on the causes of the Present Discontents.
Macaulay ... ... Selections from the writings of, by Trevelyan.

HONOUR COURSE.

(In addition to the subjects for the Pass Course).

A

Marlowe ... ... Faustus.
Sidney ... ... Apology for Poetry.
Matthew Arnold ... Essays in Criticism.
Spenser ... ... Faery Queene, Book I.

Permanent Subjects.

Earle ... ... The Philology of the English Tongue.
Shaw ... ... Outlines of English Literature.

B

Balfour Stewart ... Conservation of Energy.
Sir J. Herschel ... Natural Philosophy.
" ... ... Familiar Lectures on Scientific Subjects.
Huxley ... ... Critiques and Addresses.
Kingsley ... ... Glaucus.
" ... ... Scientific Lectures and Essays.
Tyndal ... ... Fragments of Science.

PASS COURSE.

GREEK.

Sophocles ... ... Philoctetes.
" ... ... Electra.
Demosthenes ... ... De Corona.
Æschines ... ... In Ctesiphontem.

HONOUR COURSE.

(In addition to the subjects for the Pass Course).

Thucydides ... ... Book II.
Euripides ... ... Bacchæ.
Plato ... ... Phædo.

Permanent Subject.

Peile ... ... Primer of Philology.

LATIN.

PASS COURSE.

Horace ... ... Odes, Epodes.
Cicero ... ... Pro Murena.
Tacitus ... ... Histories, Books III, IV, V.

HONOUR COURSE.

(In addition to the subjects for the Pass Course).

Martial ... ... Select Epigrams edited by Stephenson.
Cicero ... ... De Officiis, I.
Virgil ... ... Æneid, VII, VIII.

Permanent Subject.

Peile ... ... Primer of Philology.

SANSKRIT.

PASS COURSE

Bánabhatta ... ... Kádambarí, Uttarabhága, p. 85 in the Calcutta Edition of Samvat 1919 to the end: (beginning with the words *Kádambarí vihasya pratyavádit Apyunmattika kuto saya &c.*)
Bháravi ... ... Kirátárjuníya, Cantos I—IV.

HONOUR COURSE.

(In addition to the subjects for the Pass Course).

Bánabhatta ... ... Kádambarí, Uttarabhága (the whole).
Bháravi ... ... Kirátárjuníya, Cantos XI—XIV.
Max Müller ... ... Lectures on the Science of Language, Vol. I.

HEBREW.

PASS COURSE.

Samuel, I and II.
Chronicles, I and II.
Psalms, XC—CL.
Proverbs.

HONOUR COURSE.

(*In addition to the subjects for the Pass Course*).

Isaiah.
Ezekiel.
The History of the Hebrew Language and Literature.

ARABIC.

PASS COURSE.

Tarikh-i-Yamani ... } As contained in Selections by Col. Lees.
Nafaha Tut ... ... }
Hamasah ... ... }
Mutanabbi ... ... }

HONOUR COURSE.

(*In addition to the subjects for the Pass Course*).

Makamat ul Hariri.
Tarik-hi-i-Timuri ... First half.
Hamasha ... ... First 84 pages.
Banut Suad.

PERSIAN.

PASS COURSE.

Vokai Niamat Khan Ali ... The first half.
Durra-i-Nadiri ... 50 pages from page 181.
Qasaid-i-Khaqani ... First 50 pages.
Qasaid Badar Chachi ... Ditto.

HONOUR COURSE.

(*In addition to the subjects for the Pass Course*).

Aklak-i-Jalali.
Inshai Abul Fazl.
Hafiz ... ... First half, pages 1—125.

PALI.

Text-books have not been appointed.

BENGALI SUBJECTS FOR FEMALE CANDIDATES.

Karnarjuna Kavya ... First six Cantos, by Baladeva Palit.
Vahyavastursahita Manavaprakritir Sambandha Vichar, by Akshaykumar Datta.

MENTAL AND MORAL SCIENCE.

PASS COURSE.

Mansel ... ... Metaphysics (omitting Ontology).
Jardine ... ... Elements of Cognition.
Calderwood ... ... Handbook of Moral Philosophy.
Bain ... ... Mental and Moral Science.

HONOUR COURSE.

(*In addition to the subjects for the Pass Course.*)

Ueberweg ... ... History of Philosophy, Vol. II.
Ueberweg ... ... System of Logic and History of Logical Doctrines.

Or

Flint ... ... Theism.
Butler ... ... Analogy of Natural and Revealed Religion, Part I.

MATHEMATICS.

PASS COURSE.

W. G. Willson ... Elementary Mechanics.
Besant ... ... Elementary Hydrostatics, Chaps. I—VII.

HONOUR COURSE.

(*In addition to the subjects for the Pass Course*).

Salmon ... ... Conic Sections (6th Edition), Chaps. I—III, V—VIII to the end of article 116, X—XIII.
Williamson ... ... Differential Calculus, Chaps. I—V, VIII, XI—XVII.
Todhunter ... ... Integral Calculus, Chaps. I—VII.

Or the corresponding articles in Williamson's Integral Calculus.

HISTORY.

PASS COURSE.

HISTORY OF ENGLAND.

Green ... ... Short History of the English People.

HISTORY OF INDIA.

Wheeler ... ... Short History of India.
Elphinstone ... ... History of India, Books V—XI.

HISTORIES OF GREECE AND ROME.

Smith ... ... Student's History of Greece.
Liddell ... ... Student's History of Rome.

POLITICAL ECONOMY.

Fawcett ... ... Manual of Political Economy.

HONOUR COURSE.

(*In addition to the subjects for the Pass Course*).

Capes ... ... The Early Empire.
" ... ... The Age of the Antonines.
Bagehot ... ... The English Constitution.
Mill ... ... Political Economy.

PHYSICAL SCIENCE.

PHYSICS.

The full Course.

Deschanel ... ... Elementary Treatise on Natural Philosophy.
Clerk Maxwell ... Matter and Motion.

The Elements of Physics.

Miller ... ... Chemical Physics (Part I of the Elements of Chemistry), omitting Chap. IV, Sec. 2; Chap. V, Sec. 2; Chap. VI, Secs. 1, 2, 4, 5, 6, 7.

CHEMISTRY.

The full Course.

Miller ... ... Elements of Chemistry, Part II.
Armstrong ... ... Organic Chemistry.

The Elements of Chemistry.

Fownes ... ... Inorganic Chemistry.

The Doctrine of Scientific Method.

Jevons ... ... Principles of Science.

PHYSIOLOGY.

Huxley and Martin ... Elementary Biology.
Kirkes ... ... Handbook of Physiology.
Huxley ... ... Comparative Anatomy of the Invertebrata.
Thomé ... ... Text-book of Botany, translated by Bennet (the Physiological Sections).

The Doctrine of Scientific Method.

Jevons ... ... Principles of Science.

BOTANY.

Thomé	Text-book of Botany, translated by Bennet.
Henfrey	Elementary Course of Botany, edited by Masters.
Oliver	First Book of Indian Botany.
Sach	Text-book of Botany, translated by Bennet and Dyer, Book I.

The Doctrine of Scientific Method.

Jevons	Principles of Science.

ZOOLOGY.

Huxley	Comparative Anatomy of the Vertebrata.
Huxley	Comparative Anatomy of the Invertebrata.
Nicholson	Introductory Text-book of Zoology.
Wallace	Geographical distribution of animals.
Jerdon	Mammals and Birds of India.
Theobald	Descriptive Catalogue of the Reptiles of British India.

The Doctrine of Scientific Method.

Jevons	Principles of Science.

GEOLOGY.

Lyell	Principles and Elements of Geology.
Geikie	Manual of Geology (Ed. 1882).
Nicholson	Palæontology.
Manual of the Geology of India	Introduction and Chaps. V—X, XVI—XVIII.

The Doctrine of Scientific Method.

Jevons	Principles of Science.

MINERALOGY.

Brooke and Miller ...	Mineralogy.
Scheerer and Blanford ...	Introduction to the use of the Mouth Blowpipe.

The Doctrine of Scientific Method.

Jevons	Principles of Science.

PHYSICAL GEOGRAPHY.

Huxley	Physiography.
Somerville	Physical Geography.
Blanford	Meteorology of India.
Scheerer and Blanford ...	Introduction to the use of the Mouth Blowpipe.
Plattner	Manual of qualitative and quantitative analysis with the Blowpipe.

The Doctrine of Scientific Method.

Jevons	Principles of Science.

HONOUR EXAMINATION, 1884.

ENGLISH.

Poetry and Drama.

Chaucer	Prologue and Knight's Tale.
Shakespeare	As you like it; Richard II; Cymbeline; Henry IV, Parts I and II.
Villiers	The Rehearsal.
Pope	Selections from, edited by Thomas Arnold (London Series of English Classics).
Byron	Childe Harold, Book IV.

Prose.

Sir Thomas Browne ...	Hydriotaphia or Urn Burial.
Carlyle	On Heroes.
De Quincy	The Cæsars.
Bagehot	Literary Studies, Vol. I (without the Appendix).
George Eliot	Silas Marner.
Mill	Essay on Liberty.

M. A. EXAMINATION, 1885.

ENGLISH.

Chaucer	Prologue and Knight's Tale.
Shakespeare	As you like it; Richard II; Cymbeline; Henry IV, Parts I and II.
Villiers	The Rehearsal.
Pope	Selections from, edited by Thomas Arnold (London Series of English Classics.
Byron	Childe Harold, Book IV.
Gosson	Schools of Abuse (Arber's English Reprints).
Sir Thomas Browne ...	Hydriotaphia or Urn Burial.
Carlyle	On Heroes.
De Quincy	The Cæsars.
Bagehot	Literary Studies, Vol. I (without the Appendix).
George Eliot	Silas Marner.
Mill	Essay on Liberty.

Permanent Subjects.

Morris	Historical English Accidence.
Smith	Student's Manual of English Language.
Taine	History of English Literature, translated by Van Laun.
Dowden	Shakespeare's Mind and Art.
Sweet	Anglo-Saxon Primer.
Sayce	Introduction to the Science of Language.

HONOUR EXAMINATION, 1884.

GREEK.

Homer	Iliad, first twelve Books.
Pindar	Olympic Odes.
Æschylus	Prometheus and Agamemnon.
Sophocles	Œdipus Tyrannus and Antigone.
Euripides	Hecuba and Medea.
Aristophanes	Knights, Clouds and Frogs.
Herodotus	Books II and III, to the end of Chap. LXVI.
Thucydides	Books VI and VIII
Demosthenes	Orations against Leptines and Meidias.
Plato	Republic.
Aristotle	Politics.

M. A. EXAMINATION, 1885.

GREEK.

Homer	Iliad, Books I—XII.
Pindar	The whole.
Æschylus	Prometheus, Agamemnon, Eumenides.
Sophocles	Œdipus Tyrannus, Ajax, Antigone.
Euripides	Hecuba, Medea, Ion.
Aristophanes	Knights, Clouds, Frogs and Birds.
Herodotus	Books II and III, to the end of Chap. LXVI.
Thucydides	Books VI, VII, VIII.
Demosthenes	Orations against Leptines and Meidias and de Falsa Legatione.
Plato	Republic, Theætetus.
Aristotle	Politics.

Permanent Subjects.

Sayce	Introduction to the Science of Language.
Mahaffy	History of Classical Greek Literature.

HONOUR EXAMINATION, 1884.

LATIN.

Virgil	Georgics; Æneid, first six Books.
Horace	Odes, Epodes, Satires I (except 2 and 8), Epistles I, De Arte Poetica.
Juvenal	Satires (except 2, 6, 9).
Persius	Satires.
Lucretius	Books I and VI.
Catullus	1, 2, 3, 4, 9, 12, 22, 30, 31, 46, 49, 51, 63, 64, 65, 66.

Plautus	Aulularia.
Terence	Andria.
Livy	Books XXI—XXV.
Sallust	Bellum Catilinarium.
Cicero	Orations against Catiline, first Book of Letters to Atticus and De Officiis.
Tacitus	Histories.

M. A. EXAMINATION, 1885.

LATIN.

Virgil	Bucolics (with the exception of II); Georgics; Æneid Books I—VI.
Horace	Odes; Epodes; Satires I (with the exception of 2 and 8); Epistles I; De Arte Poetica.
Juvenal	Satires (except I, VI and IX).
Persius	Satires.
Lucretius	Books I, V, and VI.
Catullus	1, 2, 3, 4, 9, 12, 22, 30, 31, 46, 49, 51, 63, 64, 65, 66.
Plautus	Aulularia, Captivi.
Terence	Andria, Heauton Timorumenos.
Livy	Books XXI—XXV.
Sallust	Bellum Catilinarium, Bellum Jugurthinum.
Cicero	Second Philippic, de Natura Deorum.
Tacitus	Histories.

Permanent Subjects.

Sayce	Introduction to the Science of Language.
Cruttwell	History of Roman Literature.

HEBREW.

Isaiah.
Jeremiah.
Ezekiel.
The Minor Prophets.
Psalms.
Proverbs.
Job.
Ecclesiastes.
Song of Solomon.
Daniel.
Ezra.
Nehemiah.

Permanent Subjects.

Robertson Smith ...	Old Testament in the Jewish Church.
Davidson	Introduction to the Old Testament.
Ewald	History and Antiquities of Israel.
Sayce	Introduction to the Science of Language.

HONOUR EXAMINATION, 1884, AND M. A. EXAMINATION, 1885.

ARABIC.

Hamasah	The whole.
Mutanabbi	
Makamat i-Hariri ...	
Saba-i-Moallakah ...	

HONOUR EXAMINATION, 1884, AND M. A. EXAMINATION, 1885.

PERSIAN.

Poetry.

Firdausi	Shahnamah, Vol. I.
Khakani	Tuhfat u'l Irakayn.
Badar Chachi	Kasaid.
Hakim Sanai	Hadikoh.
Anwari	Diwan.
Habil Kaani	Kasaid, 1st half.

Prose.

Sasau V	Dasatir.
Fuzlu'llah Shirazi ...	Wassaf, Vols. I, II, III.
Abu'l Fazl	Akbar Namah, Vol. I.
Mulla Tughra ...	Ruksat.
Munshi Muhammad Mahdi	Durrai Nadiri.

RHETORIC.

Shamsúddin Fakir ..	Hadaiku'l Balaghat.

PROSODY.

Sayfi ...	Uruz.
Jami ...	Kawafi.

Candidates are also required to possess a knowledge of Arabic, to the extent laid down in the Course for the First Examination in Arts.

HONOUR EXAMINATION, 1884.

SANSKRIT.

Kalidása	Vikramorvasi.
Bhatti	Bhattikavya, VI—IX.
Bhavabhuti	Viracharita, Uttaracharita.
Sudraka	Mrichchakatika.
Bánabhatta	Kádambarí.
Shriharsa	Naishadhacharita, II, III, XIV, XVII.
Magha	Sisupalabadha, XIII—XVI.
Vyasa and Sankara ...	Vedanta Sutra, with Sankara Bhashya, II Adhyaya, 2nd Pada.
Katha Upanishad with Sankara Bhashya.	
Rig Veda Sanhita ...	1st and 2nd Adhyayas.
Mammata Bhatta ...	Kavya Prakasa.
Jagadisa	Tarkamrita.
Vachaspati Misra ...	Tattwa Kaumudi.
Panini	Karaka, Samasa, as in the Siddhanta Kaumudi.

For the History of Sanskrit Literature, the following books are recommended:—

(1) Weber's History of Indian Literature.
(2) Colebrooke's Miscellaneous Essays, edited by Professor E. B. Cowell.
(3) Max Müller's History of Ancient Sanskrit Literature.
(4) Goldstucker's Panini.
(5) Wilson's Essays on the Religion of the Hindus (Rost's Edition).

M. A. EXAMINATION, 1885.

SANSKRIT.

Kalidása	Sakuntala.
Bhavabhuti	Mahaviracharita, Malati Madhava.
Vasakhadatta... ...	Mudra Rakshasa.
Bánabhatta	Kádambarí, Purvabhaga.
Shriharsa	Naishadacharita, I—V.
Mágha	Sisupalabadha, I—V.
Vyasa and Sankara ...	Vedanta Sutra, with Sankara Bhashya, II Adhyaya, 1st, 2nd Padas.
Visvanatha Panchanna ...	Bhashaparichchedá with Siddhanta Muktavali (omitting and from the latter the sections on *vyapti*, *pakshtava* and hetvabhasha).
Mammata Bhatta ...	Kavya Prakasa.
Vachaspati Misra ...	Tattwa Kaumudi.
Chhandogya Upanishad with Sankara Bhashya.	
Rig Veda Sanhita ...	1st and 2nd Adhyayas.
Panini	Vaidika Prakaiya, as contained in Siddhanta Kaumudi.

Permenent Subjects.

Monier Williams ...	Indian Wisdom.
Max Müller	History of Ancient Sanskrit Literature.
Weber	History of Indian Literature.
Muir	Sanskrit Texts, Vols. III, IV and V.

M. A. EXAMINATION, 1885.

HISTORY.

(*a*) No text-books.	
(*b*) Hallam	Middle Ages, Chap. VIII, Part 3, and notes.
Hallam	Constitutional History of England.
Erskine May ...	Constitutional History of England.

(c) As a period:—
The History of Europe during the 16th Century.

Hume ...	... History of England.
Froude ...	... History of England.
Robertson	... Charles V.
Prescott ...	... Phillip II.
Motley ...	... Rise of the Dutch Republic.
Motley ...	... United Netherlands.
(d) Guizot ...	... History of Civilization.
Mill ...	... Representative Government.
Austin ...	... Jurisprudence, Chaps. V and VI.
Wheaton ...	... International Law, Parts I and II.
(e) Adam Smith	... Wealth of Nations.
Mill ...	... Political Economy.
Leone Levi	... History of British Commerce.

M. A. EXAMINATION, 1885, AND SUBSEQUENT YEARS.

MENTAL AND MORAL SCIENCE.

(In addition to the Books prescribed for Pass and Honour Course, B.A.)

Mansel ...	... Prolegomena Logica.
Mill ...	... Logic.
Jevons ...	... Principles of Science.
Hamilton ...	... Lectures, Vols. I and II.
Mill ...	... Examination of Sir William Hamilton's Philosophy.
McCosh ...	... Examination of J. S. Mill's Philosophy.
Kant ...	... Prolegomena and Critique of Pure Reason by Mahaffy.
Descartes ...	... Discourse on Method.
Berkley ...	... Principles of Human Knowledge.
Archer Butler...	... Lectures on Ancient Philosophy.
Sidgwick ...	... Methods of Ethics.
Mill ...	... Utilitarianism.
Bain ...	... The Emotions and the Will.
Butler ...	... Dissertation on Virtue Sermons 1—3.
Herbert Spencer	... First Principles.

Natural Theology.

Flint ...	... Antitheistic Theories.
McCosh ...	... Method of Divine Government.
Caird ...	... Introduction to the Philosophy of Religion.
Max Müller ...	... Lectures on the Science of Religion.

Evidences of Christianity.

Paley ...	... Evidences of Christianity.
Butler ...	... Analogy of Natural and Revealed Religion, Part II.
Christlieb ...	... Modern Doubt and Christian Belief.
Mozley ...	... Lectures on Miracles.

MATHEMATICS.

Todhunter ...	... Algebra.
" ...	... Trigonometry.
" ...	... Theory of Equations, Chaps. I, III—XXII and XXVIII to the end.
Salmon ...	... Conic Sections.
Frost ...	... Solid Geometry, Vol. I.
Williamson ...	... Differential Calculus.
Williamson ...	... Integral Calculus.
Boole ...	... Differential Equations, Chaps. I—XII (first Edition).
Todhunter ...	... Statics.

(Or the corresponding articles in Minchin's Statics).

Tait and Steele	... Dynamics of a Particle.
Besant ...	... Hydromechanics.
Parkinson ...	... Optics.
Todhunter ...	... Spherical Trigonometry.
Godfray ...	... Treatise on Astronomy.
Newton ...	... Principia (edited by Main).
Routh ...	... Rigid Dynamics, Chapter I (omitting Ellipsoids of inertia, Equimomental bodies, and principal axes), Chaps. II—IV.

NATURAL AND PHYSICAL SCIENCE, 1885.

M. A. EXAMINATION.

A. CHEMISTRY.

Roscoe and Schorlemmer ...	Treatise on Chemistry.
Valentin ...	... Inorganic Chemistry.
" ...	... Qualitative Chemical Analysis.
Thorpe ...	... Quantitative Chemical Analysis.

B. ELECTRICITY AND MAGNETISM.

Faraday ...	... Experimental Researches in Electricity, Vol. I.
Clerk Maxwell	... Elementary Treatise on Electricity.
Linnæus Cumming	... Introduction to the Theory of Electricity.
H. Lloyd ...	... Magnetism.

C. HEAT AND THE ELEMENTS OF MOLECULAR PHYSICS.

Maxwell	... Theory of Heat.
Tait ...	... Thermodynamics, Chaps. I and II.
Baynes ...	... Lessons on Thermodynamics.
Dixon ...	... Treatise on Heat.
Fourier ...	... Analytical Theory of Heat, Chaps. I and II.

D. BOTANY.

Asa Gray ...	... Structural Botany.
Sach ...	... Text-book of Botany (translated by Bennet and Dyer).
Balfour ...	... Palæontological Botany.
Lyell ...	... Elements of Geology (the sections on Palæobotany).
Roxburgh ...	... Flora Indica, Clarke's Edition (for reference in identifying Indian plants).

E. PHYSIOLOGY AND ZOOLOGY.

(In addition to the text-books for the M. A. Examination).

Gegenbaner ...	... Comparative Anatomy.
Foster ...	... Text-book of Physiology.
Gamgee ...	... Physiological Chemistry of the Animal Body.
Balfour ...	... Comparative Embryology.
Herbert Spencer	... Principles of Biology.
Darwin ...	... Origin of Species.

F. GEOLOGY AND MINERALOGY.

Lyell ...	... Principles and Elements of Geology.
Geikie ...	... Manual of Geology, 1882.
Nicholson ...	... Palæontology.
Woodward ...	... Manual of the Mollusca.
Owen ...	... Palæontology.
Ramsay ...	... Physical Geology and Geography of Great Britain (5th or subsequent Edition). Manual of the Geology of India, Vols. I and II. Memoirs and Records of the Geological Survey of India, Palæontologica Indica.
Brooke and Miller	... Mineralogy.
Dana ...	... System of Mineralogy.

G. BELLETT,

Registrar.

SENATE HOUSE,

The 7th July 1882

NEEMUCH CEMETERY.

Repairs of Monuments.

Notice is hereby given that those monuments in the Government Cemetery at Neemuch, Central India, of which a list is published herewith, are in need of repairs. Those of Sergeant Henry Seal and Trumpeter J. Britton are in a ruinous condition, and will be made level with the ground unless, within three months from the publication of this Notice, some person will undertake the cost of their repairs.

DESCRIPTION.	Corps.	Date.
Daughter of Captain Greenwood	33rd Regiment.	1866
Lieutenant-Colonel Robinson	Political Agent, Meywar	1850
Wife of Major Walter	3rd European Cavalry	1850
Charles Permien.	Apothecary	1846
Quarter-Master Sergeant Best	39th Begiment, Native Infantry	1836
Augustus F. Roderick	.....	1836
Wife of Sergeant Lowe	Bombay Artillery	1862
Wife and Son of Captain Beamish	Royal Artillery	1843
Wife of Captain Stewart	61st Regiment, Native Infantry	1833
Wife of Lieutenant Hutton	37th Regiment, Native Infantry	1834
Colonel James Robertson	46th Regiment, Native Infantry	1834
Ensign Edwards	28th Regiment, Native Infantry	1835
Colonel Stiles	Commandant	1862
Son of Colonel Carmichael.	94th Regiment.	1864
Wife of Woolmore Mitchell	.....	1836
Lieutenant Bishop	62nd Regiment, Native Infantry	1841
Daughter of Captain Hunter	2nd Bombay Light Cavalry	1860
Son of Lieutenant Duffin	7th Bengal Light Cavalry	1823
Daughter of Captain Duffin	Ditto	1823
Daughter of Lieutenant-Colonel Duffin	Ditto	1834
Son of Assistant Surgeon Downes	.....	1834
Son of Quarter-Master Sergeant Morris	2nd Bombay Light Cavalry	1834
Daughter of John Pocock	46th Regiment, Native Infantry	1835
Wife, Son and Daughter of Major Gill	37th Regiment, Native Infantry	1835
Son of Sergeant-Major Grassby.	.....	1840
Surgeon-Major Deas	2nd Bombay Light Cavalry	1862
Wife of Colonel Carmichael	94th Regiment.	1864
Sergeant-Major Perkins	45th Bengal Native Infantry	1833
Wife of Sergeant Herdon	.....	1834
Son of Riding-Master Bolton	2nd Bombay Light Cavalry	1835
Son of Lieutenant Nicholetts	.....	1835
Son of Lieutenant Nicholetts	.....	1837
Son of Major Wilkinson	.....	1835
Son and Daughter of Captain Rickards	.....	'47-48
Daughter of Major Sandeman	33rd Regiment, Native Infantry	1847
Captain Mackintosh	52nd Regiment, Native Infantry	1854
Brigade Colonel Stacy, C.B.	Aide-de-Camp to the Queen	1848
Daughter of Captain Anderson	59th Bengal Native Infantry	1843
Mrs. Henrietta Keir.	.....	1844
Wife of Quarter-Master Sergeant Mellor	1st Bengal Light Cavalry	1857
Drum Major Swartz	23rd Regiment, Native Infantry	1835
Wife of Drum Major Pye	Ditto	1837
Assistant Surgeon Russell	4-1st Royal Horse Artillery	1837
Mary Scott	.....	1839
Daughter of Doctor Fogarty	.....	1845
Private Pym	95th Regiment.	1860
Private J. Williams	Ditto	1860
Daughter of Lieutenant Lowry	25th Bombay Native Infantry	1853
Son of Captain Sealy.	.....	1850
Daughter of Lieutenant Bacon	.....	1851
Daughter of Drum Major Evans	51st Regiment, Native Infantry	1832
Wife of Captain Jeremie	5th Regiment, Native Infantry.	1824
Son of Captain Chambers	9th Bengal Light Cavalry	1830
Son of Major Gowan.	Bengal Artillery	1834
Wife of George Pasley	(Barrister)	1832
Son of Quarter-Master Sergeant Mahon	51st Regiment, Native Infantry	1834
Wife of Sergeant-Major Cooper.	30th Regiment, Native Infantry	1845
Private C. Donovan	95th Regiment.	1860
Son of J. Williams	.....	1860
Augustus Derevero	.....	1848

Repairs of Monuments—continued.

DESCRIPTION.	Corps.	Date.
E. Williams	.....	1852
Ensign Osborne, R.A.	Ordnance Department	1868
Daughter of Captain Moray	28th Regiment, Native Infantry	1868
Daughter of Major Forbes Robertson.	Ditto	1867
Roderick Peregrine Ochterlony	.....	1822
Lieutenant-Colonel Thomas	10th Bengal Native Infantry	1826
Daughter of Lieutenant Curtis	.....	1835
Wife and Daughter of Captain Doveton	.....	1835
S. Francis Birch	.....	1830
Anne Tilbury	.....	1831
Bazar Sergeant Miller	.....	1832
Captain Clifford	39th Begiment, Native Infantry	1837
Wife of Staff Sergeant Sullivan	2nd Brigade, R. H. A.	1844
Farrier Sergeant Davis	4-1st Brigade, R. H. A.	1841
Wife of H. Williams	.....	1843
Wife of J. Williams	.....	1846
R. H. O. S. Smith	.....	1844
Wife of Major Mercer	70th Regiment, Native Infantry	1846
C. Mary Hogan.	.....	1860
Daughter of Lieutenant-Colonel Kennedy	5th Regiment, Light Cavalry	1827
Surgeon Smith	42nd Regiment, Native Infantry	1830
Son and Daughter of Lieutenant Hawtrey	4th Bengal Light Cavalry	1821
Two Sons of Captain Hawtrey	Ditto	1821
Daughter of B. S. Desa	Commissariat Department	1860
Wife of B. S. Desa	Ditto	1859
Son of Lieutenant Landon Jones	2-2nd Native Infantry	1820
Wife and Sons of Sergeant-Major Groves	1-1st Native Infantry	1819
Daughter of Lieutenant Lewes	.....	1823
Daughter of Lieutenant Lewes	.....	1827
Daughter of Lieutenant Campbell	45th Regiment, Native Infantry	1830
Wife and Daughter of Lieutenant Jervis	42nd Regiment, Native Infantry	1830
Wife and Son of Lieutenant Burns	.....	1821
Farrier Major Ranger	1st Lancers	1852
Assistant Surgeon Dunlop.	Bengal Medical Establishment	1829
Wife of Drill Sergeant Tighe	21st Brigade, Royal Artillery	1863
Wife of Hospital Assistant Desantos	.....	1854
Trumpeter J. Britton.	.....	1854
Wife of Private J. Sullivan	95th Regiment.	1860
Wife and Children of Sergeant Supple	Bengal Artillery	1857
Son of Sergeant Core	Kotah Contingent	1857
Wife of Color-Sergeant Beckett.	33rd Regiment.	1866
Private Cornelius Mucahy	95th Regiment.	1859
Drummer J. Harris	63rd Regiment, Native Infantry	1847
Son of Captain Scott.	1st Regiment, Light Cavalry	1838
Amy Campbell	.....	1838
Son of Assistant Apothecary deSilva	.....	1855
Daughter of Line Sergeant Ryan	.....	1855
Son and Daughter of Barrack Master Tofft	Department Public Works	1859
Son of Quarter-Master Sergeant Lambert	95th Regiment	1859
Daughter of Color Sergeant Reid	Ditto	1859
Charles Henry Steers	.....	1859
Sergeant John Connell	95th Regiment.	1859
Wife of Private Dempsey	Ditto	1858
Son of J. Chowdrie	Ditto	1860
Corporal Joseph Geary	Ditto	1860
Wife of Sergeant H. Seal	Ditto	1859
Sergeant H Seal	Ditto	1860
Wife of Assistant Surgeon Scott	8th Hussars	1860
Wife of Lieutenant Waterfall	95th Regiment.	1859
Wife of Sergeant Merriman	Ditto	1860
Son of Sergeant Casey	.....	1863
Wife of Private Harris	33rd Regiment.	1866
Son of G. B. Crispin	.....	1869
Son of John Boyle	Ordnance Department	1867
Son and Daughter of John Boyle	Ditto	'63-65
Assistant Apothecary Santos	D-18th Royal Artillery	1873

Repairs of Monuments—continued.

DESCRIPTION.	Corps.	Date.
Daughter of Sergeant Sharman	D-18th, Royal Artillery	1873
Daughter of Sergeant Sharman	Ditto	1867
Daughter of Assistant Apothecary Guest	Bombay Sub-Medl. Department	1870
Bugler d'Souza	28th Regiment, Native Infantry	1869
Trumpeter T. Lawrence	2nd Bombay Light Cavalry	1869
Daughter of Duffedar d'Souza	3rd Bombay Light Cavalry	1872
Son of Duffedar d'Souza	Ditto	1873
Son of M. Dowling	Department Public Works.	18—
Son of Sergeant Callanan	D-18th, Royal Artillery	1862
Three Children of Sergeant Shephard	Ditto	'62-65
Son of Private Fitzgerald	103rd Bombay Fusiliers	1864
Sergeant Boyd	D-18th, Royal Artillery	1865
Wife and Son of Sergeant Johnston	96th Regiment	1868
Son of Sergeant Francis	Ditto	1868
Wife of Gunner Brand	E-4th, Royal Artillery	1876
Mother of J. and F. Quaill	2nd Light Cavalry	1862
Wife of Subedar Cousins	Ditto	1862
Wife of Sergeant Tilbury	45th Regiment.	1865
Daughter of C. Greaney	4-21st, Royal Artillery	1862
S. M. Trewen	.....	1874
Reverend Father Innocent.	Ecclesiastical Department.	1875
Wife of Patrick Byrne	108th Regiment	1875
Son of Private Salter.	E-40th, Royal Artillery	1876
Son of Mr. d'Souza	Commissariat Department.	1861
Son of Farrier Major Marks	2nd Bombay Light Cavalry	1862
Daughter of Farrier Major Marks	Ditto	1862
Elizabeth Hannon	.....	1862
Wife of Patrick Walsh	Bombay Ordnance Department.	1874
Son of T. Chambers	103rd Bombay Fusiliers	1864
Son of A. Wood	33rd Regiment.	1866
Son and Daughter of Sergeant-Major Whitty	.....	...
Quarter-Master Sergeant Barratt	D-18th, Royal Artillery	1874
Daughter of Quarter-Master Sergeant Barratt	Ditto	1872
Daughter of Quarter-Master Sergeant Barratt	Ditto	1873
Son of Bazar Sergeant Heywood	.....	1873
Son of Private Perrin	F-18th, Royal Artillery	1867
Daughter of H. Rainbow	Ordnance Department	1872
Daughter of Private Nicholson	108th Regiment	1874
Overseer G. Lee	Department Public Works.	1869
Sergeant J. McIntyre	F-18th, Royal Artillery	1866
Daughter of Color Sergeant Turner	95th Regiment.	1860
A. D. Rodd	2nd Light Cavalry	1860
Daughter of Sergeant Brown	Royal Artillery.	1861
W. Elliott.	14th Dragoons.	1861
Three Children of H. Beadon Jackson.	Department Public Works.	'65-67
Wife of Gunner Pritchard	D-18th, Royal Artillery	1864
Wife of Private Hill	45th Regiment.	1864
Wife of Sub-Conductor Adams	Bombay Commissariat Dept.	1869
Quarter-Master Sergeant Simpson	D-18th, Royal Artillery	1863
Son of J. Armstrong.	33rd Regiment.	1866
Wife of Gunner Gregory	F-18th, Royal Artillery	1869
Son and Daughter of C. Dunning	Ditto	1869
Son of Surgeon Odell.	96th Regiment.	1867
Daughter of Joseph Oddy	F-18th, Royal Artillery	1868
Daughter of Gunner Morrison	D-18th, Royal Artillery	1871
Daughter of T. Crampton	59th Regiment	1872
Trumpet Major d'Souza	3rd Bombay Light Cavalry	1875
Private McGwigen	95th Regiment.	1860
Private J. Bourke	Ditto	1860
Private J. Hearty	Ditto	1860
Barrack Master George	Department Public Works.	1866
Daughter of Barrack Master George	Ditto	1864
Three Children of Sergeant-Major Lucroft	103rd Bombay Fusiliers	'59-64
Corporal J. Wigley	6-13th, Royal Artillery	1861
Wife of Barrack Sergeant Wright	Department Public Works.	1861
Wife of James O'Neil	Bombay Medical Establishment.	1861

Repairs of Monuments—concluded.

DESCRIPTION.	Corps.	Date.
Wife of Sergeant Maggridge	F-18th, Royal Artillery	1869
Daughter of Private Curren	106th Regiment	1862
Daughter of Captain Wintle	71st Regiment, Native Infantry	1839
Leslie Copland	Civil Service	1861
Two Sons of Sergeant-Major Smart	61st Regiment, Native Infantry	'33-34
M. A. Ewart	.....	1839
Daughter of Sergeant Barren	.....	1861
W. ——ssell	.....	1852
Private J. Hogan	103rd Bombay Fusiliers	1864
Daughter of J. Dempsey	.....	1867
Daughter of Sub-Conductor Walsh	Commissariat Department.	1867
Sergeant Holland	Ordnance Department	1865
Private J. Barry	68th Regiment.	1878

G. H. LEWIS,
Chaplain of Neemuch.

NEEMUCH,
The 30th June 1882.

COMMISSARIAT NOTICE.

The following five Government elephants are now for sale at Agra and Bareilly.

2. Offers are invited, both for purchase of these animals, and also for exchange of good female elephants suitable for Government purposes in place of these, and any reasonable offers will be accepted by the Commissary General.

3. Applications to inspect the elephants and offers for purchase or exchange may be made to the Assistant Commissaries General, Agra and Bareilly, respectively :—

Description of Elephants.

Where for sale.	Register No.	Name.	Sex.	Height.	Probable age	Tusks.	Eyes.	Number of Nails.	Tail.	Back.	Temper	Condition.	REMARKS.
				ft. in.									
At Agra.	698	Saika ...	Male	8 4½	45	Perfect ...	Blind off-side.	18	No hair ...	Hollow in centre from wound in youth.	Good	Good	Fit for sowari purposes; never been musth; head and tusks fine; carriage good.
At Agra.	1847	Louis Napoleon.	Do. ...	9 7	39	One on off-side.	Perfect ...	18	Short of hair.	Good ...	Vicious.	Do. ...	A fine elephant, unsafe for Government purposes, but Rajahs, &c., might buy him for fighting purposes.
At Agra.	1670	Watson ...	Do. ...	8 9	37	One on off-side split slightly.	Do. ...	18	Do. ...	Do. ...	Uncertain.	Do. ...	A very fine, animal, fit for anything, but troublesome at times.
At Agra.	459	Nazirguj ...	Do. ...	8 11	47	Two, off one broken.	Do. ...	18	No hair ...	Do. ...	Do. ..	Do. ...	Unsafe for Government work; a very fine elephant indeed, suitable for fighting purposes.
At Bareilly.	1788	Hastings ...	Do. ...	9 4	50	One broken.	Good ...	18	Good ...	Centre ridge of bone rather high.	Good	Low ..	Fit for howdah and shooting purposes.

W. G. SMITH, *Major,*
Officiating Deputy Commissary General.

DEPY. COMMSY. GENL'S OFFICE,
CENTRAL CIRCLE, LUCKNOW,
The 20th June 1882.

Statement of the Affairs of the Bank of Bengal for the Half-year ending 30th June 1882.

LIABILITIES.	Rs.	A.	P.
Capital paid-up	2,00,00,000	0	0
Reserve Fund	33,11,886	4	4
Public Deposits at Head Office (Rs. 89,49,656 2 5)	2,97,06,825	15	10
Public Deposits at Branches (Rs. 2,07,57,169 13 5)			
Other Deposits at Head Office and Branches	2,75,97,565	14	8
Bank Post Bills, &c.	3,81,865	13	3
Sundries	17,99,197	6	9
RUPEES	8,27,97,331	6	10

ASSETS.	Rs.	A.	P.
Government Securities	83 59,896	2	0
Other authorized Investments	45,72,020	0	0
Loans on Government and other authorized Securities	61,73,529	3	10
Accounts of Credit on Government and other authorized Securities	34,73,237	3	0
Bills discounted and purchased	2,71,02,217	9	4
Balances with other Banks	5,82,670	14	5
Bullion	5,71,512	12	5
Dead Stock	11,85,827	13	2
Stamps	7,713	1	0
Sundries	7,25,029	2	2
	5,27,53,653	13	4
Cash and Currency Notes at Head Office (Rs. 1,11,27,643 3 0)	3,00,43,677	9	6
Cash and Currency Notes at Branches (Rs. 1,89,16,034 6 6)			
RUPEES	8,27,97,331	6	10

By order of the Directors.

BANK OF BENGAL,
Calcutta. 20th July 1882.

J. GORDON,
Chief Acctt. & Depy. Secretary.

W. D. CRUICKSHANK,
Offg. Secy. & Treasurer.

Statement of the Affairs of the Bank of Bengal for the week ending 18th July 1882.

LIABILITIES.	Rs.	A.	P.
Capital paid-up	2,00,00,000	0	0
Reserve Fund	33,11,886	4	4
Public Deposits at Head Office (Rs. 98,30,528 4 3)	3,11,21,278	13	9
Public Deposits at Branches (Rs. 2,12,90,750 9 6)			
Other Deposits at Head Office and Branches	2,54,67,746	14	7
Bank Post Bills, &c.	4,24,986	3	1
Sundries	9,87,675	2	0
RUPEES	8,13,13,573	5	9

ASSETS.	Rs.	A.	P.
Government Securities	84 91,840	0	0
Other authorized Investments	45,72,545	0	0
Loans on Government and other authorized Securities	65,09,943	6	0
Accounts of Credit on Government and other authorized Securities	34,67,543	11	7
Bills discounted and purchased	2,66,48,924	11	0
Balances with other Banks	3,07,551	10	0
Bullion	5,67,253	8	5
Dead Stock	11,86,013	5	10
Stamps	7,452	0	0
Sundries	6,84,784	7	1
	5,24,43,851	11	11
Cash and Currency Notes at Head Office (Rs. 84,36,616 15 1)	2,88,69,721	9	10
Cash and Currency Notes at Branches (Rs. 2,04,33,104 10 9)			
RUPEES	8,13,13,573	5	9

By order of the Directors.

BANK OF BENGAL,
Calcutta, 20th July 1882.

J. GORDON,
Chief Acctt. & Depy. Secretary.

W. D. CRUICKSHANK,
Offg. Secy. & Treasurer.

Weekly Statement of Silver tendered, of Certificates issued, and Silver Balance in the Mint.

DATE.	SILVER TENDERED, ESTIMATED VALUE.	CERTIFICATES ISSUED ON		BALANCE OF BULLION		
		General Treasury.	Currency Department.	Under Assay.	Assayed.	Held on account of the Currency Department.
1882.	Rs.	Rs	Rs.	Rs.	Rs.	Rs.
July 10	...	71,778	...	...	59,37,701	29,69,904
" 11	...	1,02,118	...	...	58,38,226	28,66,927
" 12	..	1,04,300	...	...	57,39,632	27,61,832
" 13	...	1,02,709	...	...	57,07,141	26,58,303
" 14	...	1,33,838	...	...	57,11,163	25,25,605
" 15	...	63,032	...	...	56,14,308	24,63,266

CALCUTTA MINT,
The 17th July 1882.

J. F. TENNANT, *Col., R.E.,*
Mint Master.

Report of a Deserter from the 2nd Battalion, East Yorkshire Regiment of Foot, dated at Poona, this 14th day of July 1882.

Number, Rank, and Name,—No. 2963, Private Lionel Dorrman.
Age,—20 years 10 months.
Size,—5 feet 6 inches.
Colour of—
Complexion, fair; Hair, light brown; Eyes, light blue.
Date of Desertion,—9th July 1882.
Place of Desertion,—Poona.
Date of Enlistment,—22nd May 1877.

At what Place Enlisted,—Karachi.
Parish and County in which Born,—Hyderabad.
Marks,—Scar on right cheek.
Trade,—Acrobat.
Coat or Jacket,— } Supposed to be in plain clothes.
Waistcoat,— ... } Supposed to be in plain clothes.
Breeches or Trowsers,— ... } Supposed to be in plain clothes.
REMARKS,—He is likely to seek employment as acrobat.
Under 6 years' service.

R. L. DASHWOOD, *Lieut.-Colonel,*
Comdg. 2nd Battn., East Yorkshire Regt.

Report of a Deserter from the 2nd Battalion, East Yorkshire Regiment of Foot, dated at Poona, this 14th day of July 1882.

Number, Rank, and Name,—No. 2964, Private William Farr
Age,—27 years 4 months.
Size,—5 feet 7½ inches.
Colour of—
Complexion, fresh; Hair, brown; Eyes, light blue.
Date of Desertion,—9th July 1882.
Place of Desertion,—Poona.
Date of Enlistment,—20th August 1878.

At what Place Enlisted,—Karachi.
Parish and County in which Born,—Old Trinity, Hull, York.
Marks,—Scar on lower lip.
Trade,—Printer or Acrobat.
Coat or Jacket,— } Supposed to be in plain clothes.
Waistcoat,— ... }
Breeches or Trowsers,— ... }
REMARKS,—He is likely to seek employment as acrobat.
Under 4 years' service.

R. L. DASHWOOD, *Lieut.-Colonel,*
Comdg. 2nd Battn., Yorkshire Regt.

CURRENCY NOTES.

The following Currency Notes of the Government of India are stated to have been lost, and payment of their value has been claimed by the persons whose names are placed against the numbers. Any other person having these Notes in his possession, or claiming a right to them, is warned to communicate at once with the undersigned:—

Bombay Circle.

NOTE WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Note.	Value.	Name of Claimant.
1882.		Rs.	
W26	... M 57—50245 ...	50	Assistant Manager, Wardha Coal State Railway, Warora.

BOMBAY,
The 18th July 1882.

W. T. PIERCY,
Assistant Accountant General,
for Commissioner of Issue.

Calcutta Circle.

NOTES WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Notes.	Value.	Name of Claimant.
		Rs.	
89	... O 65—64254 ...	50	Babu Janoki Nath Mukerjee.
90	... O 65—62502 ...	50	Mr A. G. Newcomen.
93	... P 12—27924 ..	1,000	Babu Kartick Chunder Shaw.

CALCUTTA,
The 21st July 1882.

J. TAYLOR,
Asst. Comptlr. Genl., Paper Currency.

Calicut Circle.

NOTE WHOLLY LOST OR DESTROYED.

No. of Note.	Value.	Name of Claimant.
	Rs.	
J 12—02297 ...	50	Commissioner of Paper Currency, Madras, for C. Venkataswami, Gobichettipalyam, Coimbatore District.

CALICUT,
The 8th July 1882.

BROOKE LEGGATT,
Depy. Collr., in charge of Paper Currency.

Madras Circle.

NOTES WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Notes.	Value.	Name of Claimant.
		Rs.	
15	... B 65—29301 ...	50	C. A. Venkataswami, Gobichettipalyam, Coimbatore District.
	B 71—11768 ...	100	
	" —14594 ...	100	

FORT SAINT GEORGE,
The 10th July 1882.

G. W. CLINE,
Assistant Accountant General,
in charge of Paper Currency Dept.,
for Commissioner.

TREASURE TROVE.

In accordance with the provisions of Section 5 of Act VI of 1878, notice is hereby given to all whom it may concern that about the 10th of June 1882, certain treasure believed to have consisted of 75 silver coins of which the following have been recovered from the finder:—

28 silver rupees of the old currency,
28 silver coin with the Persian stamp,
—
56

was found in the village of Kelwe, Taluka Mahim, in Survey No. 187, occupied by Mr. Moro Balal Dandekar.

All persons claiming the said treasure or any part thereof are hereby required to appear personally or by agent before the Mamledar of Mahim, on the 1st day of December 1882, at his office, when the said Mamledar will proceed to hold an enquiry in accordance with the provisions of the Act.

E. J. EBDEN,
Acting Collector.

THANA COLLECTOR'S OFFICE,
The 11th July 1882.

POST OFFICE.

NOTIFICATIONS.

Simla, the 15th July 1882.

No. 3989.—Appointments in the Post Office Department made by the Director General of the Post Office of India:—

POSTAL CIRCLE, PUNJAB.

Mr. Norman Faichnie, a Superintendent of the 2nd Grade, is promoted to the 1st grade.

Mr. J. L. Fendall, a Superintendent of the 3rd Grade, is promoted to the 2nd grade.

Mr. C. J. Dease, a Superintendent of the 4th Grade, is promoted to the 3rd grade.

Mr. E. Hodgkinson is appointed to be Personal Assistant to the Post Master General.

Mr. W. Hawthorne is appointed to officiate in the 1st grade of Superintendents and is posted to the Julliunder Division.

Mr. C. Lawder is appointed to officiate in the 2nd grade of Superintendents, and is posted to the Lahore Division.

Mr. W. T. Vansomeren is appointed to be an Examiner of Head Office Accounts.

Mr. F. Cockell is appointed to officiate in the 3rd grade of Superintendents.

Mr. D. MacDonald is appointed to officiate in the 3rd grade of Superintendents.

Lala Moolraj is appointed to officiate as a 4th Grade Superintendent, and Examiner of Head Office Accounts.

Baboo Hakim Roy is appointed to officiate in the 4th grade of Superintendents, and is posted to the Hissar Division.

Mr. A. C. W. Lamarchand is appointed to be a Superintendent of the 4th Grade, and Examiner of Head Office Accounts.

Mr. A. Bean is appointed to be a Superintendent of the 4th Grade, and is posted to the Delhi Division.

POSTAL CIRCLE, INDIA.

Mr. C. C. Sheridan is appointed to be a Superintendent of the 4th Grade, on probation.

G. J. HYNES,
Asst. Dir. Genl. of Post Office of India.

SEA AND FOREIGN MAILS.

The 21st July 1882.

Foreign Mails for	Date.	Per Steamer
	1882.	
Persian Gulf	28th July	From Bombay.
Madras, Ceylon and Intermediate Ports	27th "	Str. *Assyria.*
Madras and Ceylon	27th "	P. & O. Str. *Deccan.*
Colombo, Penang, Singapore, Hong-Kong, Shanghai, Yokohama and Australian Colonies	25th "	From Bombay.
Foreign Mails *viâ* Bombay	29th "	From Bombay.*
Do. Book Post and Pattern Packets	28th "	From Bombay.
Rangoon, Moulmein, and Straits	26th "	Str. *Pemba.*
Chittagong, Akyab, Kyouk Phyoo, and Rangoon	27th "	Str. *Busheer.*

* Also for Cape Town and Natal *viâ* England; also *viâ* Aden for Mahé (Seychelles), Mauritius and Réunion, can be forwarded.

N.B.—The letter-box will close at 7 P. M. precisely; after which hour foreign letters, fully prepaid and bearing an extra postage stamp of four (4) annas on each cover, will be received up to 7-30 P. M.

E. HUTTON,
Presidency Post Master.

WANTED

For the Narsingpur District, Central Provinces, for about twenty months, from 1st October 1882, two Surveyors on a salary of Rs. 30 each per mensem.

Applications with copies of testimonials to be addressed to G. J. Nicholls, Esq., Deputy Commissioner, Narsingpur.

L. A. MAHOMED,
Extra Assistant Commissioner,
for *Deputy Commissioner.*

NOTICE.

Waste Lands available for Planters in the Tavoy District.

Waste lands, covered at present with forest, bamboos or grass, are available for plantations of coffee, tea, cinchona, or spices at altitudes varying from 100 feet to 6,800 feet above the sea in the Tavoy district. This region is between the 13th and 14th parallels of north latitude, and the rainfall ranges from 190 to 220 inches a year. The lands are mostly within 30 to 50 miles of the steamer station of Thayetchoung on the Tavoy river. Mail steamers ply between Thayetchoung and Moulmein or Rangoon once a week inwards and outwards.

II.—Grants of land in lots ranging from 100 to 1,200 acres can be had for planting tea, coffee, cinchona, or spices on application to the Deputy Commissioner of Tavoy. Such grants will be made in accordance with the "Burma Land and Revenue Act, 1876," and with the rules sanctioned thereunder by the Governor General of India in Council. Copies of the Act and rules can be obtained by intending planters on application to the Deputy Commissioner of Tavoy, the Commissioner of Tenasserim at Moulmein, or the Secretariat, Rangoon.

III.—In addition to the concessions and conditions laid down in the Act and rules, the following special concessions will be made to persons taking up land for plantations of coffee, tea, cinchona, or spices in Tavoy, namely,—

(1) A grantee must bring under cultivation one-third of his grant within 12 years from the date of his obtaining the grant. If, after the expiration of 12 years, any surplus uncultivated land, in excess of two acres of waste for each acre of cultivated land, shall remain on the grant, such surplus waste shall then revert to Government; and the grantee shall have no further claim or right in the surplus which has so reverted.

(2) A grantee will not be liable to pay any land revenue or any price for the land of his grant until the end of the tenth year after he enters on possession, provided that he takes *bonâ fide* steps to cultivate a reasonable proportion of the grant with coffee, tea, cinchona, or spices. In the event of any grantee desiring a more precise definition of a "reasonable proportion," the Chief Commissioner may decide beforehand in each case what proportion of the grant ought to be thus cultivated in each year.

(3) After the end of the tenth year the grantee will be liable to pay land revenue at the rate of Rs. 1-4-0 per acre and cesses at the rate of two annas per acre on one-third of his grant up to the year 1900 A. D.; after the expiration of such year he will be liable to pay for one-third of his grant the same revenue rate as is paid for garden lands in the nearest revenue circle where a garden rate obtains.

(4) A grantee will not be called upon to pay anything for timber, bamboos, or grass which he may cut upon his grant, provided he takes *bonâ fide* steps as aforesaid to cultivate coffee, tea, cinchona, or spices.

IV.—The only payment which a grantee will have to make on receiving his grant will be eight annas an acre for the cost of survey and demarcation. In consideration of such payment the Deputy Commissioner will cause a survey to be made of the grant, will furnish the grantee with a copy of such survey, and will cause boundary marks to be erected at suitable points in the outer boundary of the grant.

V.—The wishes of applicants will be met as far as possible in regard to the situation and shape of their grants. But ordinarily—

(*a*) no grant will be given where the Forest Department intend to make a forest reserve;

(*b*) no grant will be given on such a place as will unduly circumscribe the extension of cultivation of the grazing grounds of any neighbouring village or hamlet;

(*c*) grants facing a road or navigable stream will have to be of a depth double the length facing such road or navigable stream;

(*d*) small strips will be reserved leading to landing places for the benefit of neighbouring villages and grantees.

VI.—The Government is now spending much larger sums than heretofore on roads in the Tavoy district. If planters settle in the district, further funds will be allotted for roads from their neighbourhood to the steamer station at either Tavoy or Thayetchoung.

VII.—In order to encourage pioneers in the coffee and cinchona enterprise in Tavoy, the Government will pay to the first four grantees who begin *bonâ fide* planting operations Rs. 15 per head for every Indian or Chinese coolie, male or female, over 16 years of age, who may be settled and housed on their plantations before the 1st March 1885.

VIII.—In any case of doubt regarding the *bonâ fide* character of operations for the purposes of concessions III and VII, the Deputy Commissioner will decide, and his decision will be subject to appeal to the Commissioner of Tenasserim, whose decision will be final.

IX.—All minerals and metals under and within the lands granted under these rules are reserved by Government, together with a right to enter upon and resume such portion of land as may be necessary for examining or working mines upon payment of just compensation to the grantee for loss of, or injury done to, the surface.

G. D. BURGESS,

Secy. to the Chief Commr., British Burma.

The 6th April 1882.

Meteorological Publications for Sale.

The following publications of the Meteorological Office of the Government of India are on sale and can be procured at the Meteorological Office, No. 4, Middleton Row, or either at Messrs. Thacker, Spink & Co., or at Messrs. Brown & Co., at the prices noted against them:—

	Rs.	A.	P.
Report on the Meteorology of India, in 1875, 4to., 89 pages text, 297 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India, in 1876, 4to., 97 pages text, 340 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India in 1877, 4to., 173 pages text, 375 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India, in 1878, 4to., 149 pages text, 380 pages tables, 3 plates, 4 charts ...	8	0	0
Indian Meteorological Memoirs, Vol. I, Part I, 4to., 118 pages, 9 plates	2	8	0
Indian Meteorological Memoirs, Vol. I, Part II, 4to., 63 pages, 4 plates	1	8	0
Indian Meteorological Memoirs, Vol. I, Part III, 4to, 86 pages, 2 plates	1	8	0
Indian Meteorological Memoirs, Vol. I, Part IV, 4to., 62 pages, 8 plates	1	8	0
Rainfall Chart of India, showing the average annual distribution of rainfall (in colors)	1	0	0
Report on the Vizagapatam and Backergunge Cyclones, October 1876, 4to., 87 pages, 4 plates ...	2	0	0
Report on the Madras Cyclone, May 1877, 4to., 117 pages text, 97 pages tables, 5 plates ...	2	8	0

HENRY F. BLANFORD,

Meteorological Reporter to Government of India.

THE INDIAN LAW REPORTS.

PUBLISHED UNDER AUTHORITY.

The "Indian Law Reports," published under the authority of the Governor General in Council, will appear in monthly parts, published as soon as possible after the first of each month at Calcutta, Madras, Bombay, and Allahabad, and will comprise four series,—one for the Calcutta High Court, a second for the Madras High Court, a third for the Bombay High Court, and a fourth for the Allahabad High Court. The cases heard by the Privy Council on appeal from each High Court will be reported in the Series for that High Court. Cases heard by the Privy Council on appeal from Provinces in India not subject to any High Court will be reported in the Calcutta Series. The Parts of each Series can be had separately, or all four Parts can be had stitched into one wrapper at the option of subscribers and purchasers. It will be observed from the following statement of the terms of subscription and sale, that a considerable reduction is allowed to persons taking the complete set:

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MESSRS. THACKER AND CO., BOMBAY;
MESSRS. HIGGINBOTHAM AND CO., MADRAS;
THE GOVERNMENT CENTRAL BOOK DEPOT, BOMBAY;
THE GOVERNMENT BOOK DEPOT, ALLAHABAD.

Orders and Subscriptions for 1878 should be at once remitted.

THE BENGAL LAW REPORTS.

A few sets of the Bengal Law Reports (Volumes 1 to 15) are available at Messrs Thacker, Spink & Co., Calcutta, at Rs. 375 a set.

Charts, &c., issued at the Marine Survey Department, Calcutta, by order of the Government of India, and sold at the Office of the Marine Survey Department, 4-4 Loudon's Buildings, Hastings Street, Calcutta, where Admiralty Charts can also be obtained.

☞ **All Charts are corrected up to the date of issue.**

Indian Ocean—

Indian Ocean—Curves of equal magnetic variation. *Annas 8.*
Indian Ocean, Suez to Penang, including Zanzibar and Madagascar (Engraved). Physical and track chart. *Rs. 1.*
Arabian Sea, Western portion, with plans of Babel Mandeb Strait and Zanzibar Harbour. *Rs. 2.*
Arabian Sea, Eastern portion, with plans of Kurrachee Bombay, Colombo, Galle and Madras *Rs. 2.*

India, West Coast—

Kurrachee to Vingorla. *Re. 1-12.*
Vingorla to Cape Comorin. *Rs. 1-12.*
Port of Sáláya or Sernia. *Re. 1.*
Cutch Mándvi. *Re. 1.*
Veráwal Roads. *Re. 1.*
Sketch of the Entrance to Rajpuri River. *Annas 8.*
Ratnagiri, including Mirya and Kalbadavie Bays. *Re. 1.*
Kundari Island to Chaul. *Re. 1.*
Chaul and Entrance to Kundalika River. *Re. 1.*
Rajapur Bay and Viziadurg with adjacent Coast. *Re. 1.*
Jaygad and Entrance to Shasitri River. *Re. 1.*
Dabhol and Entrance to Washishti River. *Re. 1.*
Bankot and Entrance to Savitri River. *Re. 1.*
Goa and Marmagao Roadsteads *Annas 12.*
Sadashivgad Bay, including the port of Karwar and Beitkul Cove. *Re. 1.*
Narakel Anchorage. *Annas 8.*
Quilon Roads. *Annas 5.*
Lakadive Group—Cherbaniani Reef, Chitlac and Kiltan Islands. *Annas 12.*
Byramgore Reef or Cheresapani, and Angria Bank. *Annas 8.*
Kolachel Roadstead, with plan of Enciam Rocks. *Re. 1-8.*

India, East Coast—Bay of Bengal, Ceylon, &c.—

Cape Comorin to Coconada, including the Island of Ceylon. *Re. 1-12.*
Tuticorin Roadstead and Harbour. *Re. 1.*
Approaches to Jafnapatam. *Re. 1.*
Paumben Pass. *Re. 1.*
Approaches to Paumben Pass. *Re. 1.*
Mullaittivu or Moolettivoe. *Annas 8.*
Batticaloa Roadstead. *Annas 8.*
Colombo Harbour and its Approaches. *Re. 1.*
Approaches to Point de Galle Harbour, Ceylon. *Re. 1.*
Bay of Bengal, Western Sheet. *Rs. 2.*
Bay of Bengal, Eastern Sheet. *Rs. 2.*
Coromandel Coast. Sheet No. 2, from Latitude 15° to 16° 30′ N. *Re. 1.*
Sheet No. 3, from Latitude 13° to 15° N. *Re. 1.*
Sheet No. 4. *Re. 1.*
Madras Roadstead. *Re. 1.*
Orissa Coast, Narsapoor Point to Palmyras Point, adapted to the latest determinations of the G. T. S. and observations by Commander A. D. Taylor, I.N. *Re. 1.*
Coconada to Bassein River. *Re. 1-12*
Coringa or Coconada Bay, showing the Northern Godavery Mouths. *Re. 1-8.*
False Point Harbour and Approaches. *Re. 1.*
Hooghly River.—Luff Point to Anchoring Creek, showing the James and Mary Shoals and Entrance to the Roopnaram River. *Re. 1-5.*
False Point to Mutlah River, showing the Approaches to Sandheads. *Re. 1.*
Mutlah River to the Chittagong Coast. *Re. 1.*
Chittagong or Kornafuli River. *Re 1.*

Coast of Burma, &c.—

Bassein River to Pulo Penang, including the Andaman and Nicobar Islands. *Re. 1-12.*
Coronge Island to White Point, including the Gulf of Martaban. *Re. 1.*
Preparis North Channel and Entrance to Bassein River. *Re. 1.*
Rangoon River Approaches. *Re. 1.*
Port of Rangoon in eight sheets. *Re. 5.*
Entrance to Salween (Maulmain) River. *Re. 1.*
Port of Maulmain. *Re. 1.*
Coast of Tenasserim—Tavoy River, from a sketch by Lieutenant R. Moresby, with Corrections and Additions. *Re. 1.*
Stewart's Sound. *Re. 1.*
Port Mouat, Andamans. *Re. 1.*

Siam—Malay Peninsula, West Coast—

Hayes Island to the Pilgrims. *Re. 1.*
Kopah Inlet. *Re. 1.*
Salang Island (Junkseylon). *Re 1.*
Junkseylon, East Coast.—Puket or Tonkah Harbour. *Re. 1.*

Gulf of Siam—

Siam Gulf, West Coast, Hilly Cape to Lacon Bight. *Re. 1.*
Siam Gulf, West Coast, Lacon Bight to Lem Chang P'ra. *Re. 1.*
Patani Bay. *Annas 8*
Singora Roadstead and Inner Harbour. *Re. 1.*
Lacon Roads. *Re. 1.*
Samuie Strait. *Re. 1.*
Langsuen Roads. *Re 1.*

Sailing Directions, &c.—

* The Sailing Directory, Part I, India, Africa and South America, with Charts. *Rs. 16; packing and postage, Re. 1-12.*

Return of Wrecks and Casualties in Indian Waters for the year 1876, together with a Chart showing the positions in which they occurred. *Rs. 2.*

Ditto ditto for 1877. *Rs. 2.*

Ditto ditto for 1878. *Rs. 2.*

Ditto ditto for 1879. *Rs. 2.*

Ditto ditto for 1880. *Rs. 2.*

List of Light-houses and Light-vessels in British India (Suez to Singapore), corrected from official information. *Re. 1.*

Spheroidal Tables, for every ten minutes of the quadrant, showing the length in feet of a degree, minute, and second of latitude and longitude; the corresponding number of statute miles in each degree of latitude; the number of minutes of latitude, or nautic miles contained in a degree of longitude under each parallel of latitude; and the length, in cables, of a minute of longitude, corresponding to each nautic mile. Compression $\frac{1}{292}$. *Re. 1.*

Glossary of French Terms adopted on French Charts and Maps and in Sailing Directions. *Annas 12.*

Table of Natural Scales, 1877. *Annas 4.*

Catalogue of Charts, Maps, Plans, &c., in the Marine Survey Department, Calcutta. *Annas 8.*

Catalogue of Original and other documents deposited in the Marine Survey Department, 1881. *Not for sale.*

Hydrographic Notices—

No. 1. Rangoon River. *Annas 4.*
„ 2. Cancelled; superseded by Notice No. 8 *Annas 4.*
„ 3. Cancelled; superseded by Notice No. 18. *Annas 4.*
„ 4. Cancelled; superseded by Notice No. 23. *Annas 4.*
„ 5 Kyouk Phyou Harbour. *Annas 4*
„ 6. Salween (Maulmain) River. *Annas 4.*
„ 7. Approaches to Point de Galle Harbour. *Annas 4.*
„ 8. Mergui Archipelago. Pages 7 to 10 of this Notice superseded by Notice No. 18. *Annas 4.*
„ 9. Indus Banks and Kurrachee. *Annas 4.*
„ 10. Pámban (Paumben) Pass. *Annas 4.*
„ 11. Andaman Islands. *Annas 4.*
„ 12. Jiddah Harbour, Red Sea. *Annas 4.*
„ 13. Red Sea. Navigation, inshore Passages, 1878 *Annas 4.*
„ 14. Red Sea, 1878. *Annas 4.*
„ 15. South Indian Ocean, Seychelle, Farquhar Islands, and Madagascar. *Annas 4.*
„ 16. Torres Strait and New Guinea, South-east Coast *Annas 4.*
„ 17. India, West Coast, Ratnagiri, Rajapur Bay, and Viziadurg. *Annas 4.*
„ 18. Coast of Siam, including Junkseylon and adjacent islands. *Annas 4.*
„ 19. Africa, East Coast, Pemba Island and adjacent Coast. *Annas 4.*
„ 20. India, West Coast, the coast from Kundari Island to Chaul, and the harbours of Dabhol and Jaygad. *Annas 4.*
„ 21. Arabian Coast, Rás Matbakh, 1880. *Annas 4.*
„ 22. Red Sea. Notes from various sources, 1880. *Annas 4.*
„ 23. Coast of Orissa False Point Harbour and Approaches. *Annas 4.*

* Published by Messrs. Allen & Company, Pall Mall, London.

No. 24. India, West Coast, Harbours of Karwar and Bankot. *Annas 4.*
„ 25. Africa, East Coast, Zanzibar to Barava *Annas 4.*
„ 26. Red Sea. Notes from various sources, 1880, 1881. *Annas 4.*

Notices to Mariners.

Price 1 anna for each issue.

Notices to Mariners issued during the year 1875—

No. 1. Fixed Light on Green Island, Hong-Kong, China.
„ 2. Malwan Rock, Malwan.
„ 3. Fixed white Light at Dwarka, Kattywar.
„ 4. Mooram Shulli Tivo Island, and Devil's Point, Gulf of Mannar.
„ 5. (1) Fixed Light at Vizagapatam.
(2) Coral Shoal of Caltura, Ceylon.
(3) Rock off Barberyn Island.
„ 6. Foundering of the Buoy Vessel *Mata Mata*, Rangoon.
„ 7. (1) Revolving Light near Acheen Head, Malacca Strait.
(2) Auxiliary Light to above.

Notices to Mariners issued during the year 1876—

No. 1. Temporary discontinuance of Hope Island Light during repairs to Light-house column, Coromandel Coast.
„ 2. Exhibition of Hope Island Light, Coromandel Coast.
„ 3. Prohibited anchorage near the British Indian Submarine Telegraph Cable, Madras.
„ 4. (1) Pulo Brasse auxiliary Light, Malacca Strait.
(2) Island between Pulo Nias and Sumatra.
„ 5. Vessels trading to Réunion, Indian Ocean.
„ 6. Replacement of the Buoy on the western edge of Dolphin Shoal, Chittagong Coast.
„ 7. China Bakeer Light, Martaban Gulf.
(2) Intended exhibition of Light on the Oyster Reef, Akyab.
„ 8. Fixed white Light at Verawal.
„ 9. Buoyage of Kyouk Phyou, British Burma.
„ 10. Fixed white Light at Bet or Beyt (Gulf of Cutch), Kattywar.
„ 11. Fixed white Light at Porbandar, Kattywar.
„ 12. (1) Displacement of the Buoy in Narakel Roadstead, Cochin.
(2) Buoy marking the Smooth-water anchorage to the southward of Alipee (Aulapolay), Travancore.
„ 13. (1) Intended Light on Pulo Pisang, Malacca Strait.
(2) Sunken reef in Siberoet Strait, Sumatra, West Coast.
„ 14. Deposit of stone mound at the end of the breakwater Colombo, Ceylon.
„ 15. Period of exhibition of the *blue* Light during the South-west monsoon, from the Eastern Channel Light-vessel at the entrance to River Hooghly.
„ 16. Rock near west end of Pulo Brasse.
„ 17. (1) Beacon on two fathom patch off Batticaloa Road, Ceylon.
(2) Suspension of Light at Vizagapatam.
„ 18. Directions for Kurrachee Harbour.
„ 19. Beacon on two fathom patch off Batticaloa Road, Ceylon.
„ 20. Fixed Light at Calingapatam Point, Coromandel Coast.

Notices to Mariners issued during the year 1877—

No. 1. Alteration in Manora Point Light, Kurrachee.
„ 2. Dangers at Goa and Marmagao Roadstead.
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GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

CIVIL WORKS.

Irrigation.

REVIEW OF THE ADMINISTRATION REPORT OF IRRIGATION WORKS IN MADRAS FOR 1880 81.

No. 228-35 I., dated Simla, the 1st July 1882.

RESOLUTION—By the Government of India, Public Works Department.

Read—

Administration Report of Irrigation Works in Madras for 1880-81.

OBSERVATIONS.—It is stated in the report that, owing to the want of agreement between the financial and revenue years, the figures representing income and areas irrigated during 1880-81 can only be given approximately in some cases, while in others even approximate information on these points is not available. Final figures are therefore given by districts in a tabular statement for 1879-80 only, and in the body of the report the expenditure is given for 1880-81, while the income and irrigated areas are given for 1878-79 and 1879-80. Under these circumstances the report cannot be considered a review of the operations of the Irrigation Department during 1880-81, and must rather be regarded as a general statement of the latest financial particulars of the works available at the time the report was written.

In acknowledging the Administration Report of 1878-79, it was pointed out by the Government of India that no useful comparison of results is possible when the charges are shown for one year and the revenue for another; and the Government of Madras was requested to ensure the exhibition in future of outlay and income for the same year, as is done in the Revenue Reports submitted by all other Local Governments. Even admitting the want of agreement between the revenue and financial years, the Government of India is unable to understand why the outlay of the financial year should not be compared with the income of the revenue year corresponding most nearly with it, instead of the income of a previous financial year with which the outlay has no connection whatever; and it is hoped that this may be done in future.

The Supreme Government is unaware of any valid reasons against the completion of the revenue returns required for the purposes of this report within four months of the close of the revenue year, so that the review of outlay during any financial year, and of the income during the nearest corresponding revenue year, ought to be with the Government of India within eight months of the close of the former. The present report was received twelve months after the close of the year to which it nominally refers, and two years after the expiry of that for which final figures are given.

2. The Productive Public Works of irrigation and navigation in the Madras Presidency contain the following systems:—

(1) Godavari Delta system.
(2) Kistna Delta system.
(3) Pennar anicut Delta system.
(4) Kavari Delta system.
(5) Srivaikuntham anicut.

Capital and Revenue Accounts are also kept for the three following systems of irrigation, although they are not classed as Productive Public Works:—

(1) Chambrambakam tank.
(2) Palar anicut system.
(3) Palandori anicut system.

All irrigation works which are under the charge of the Irrigation Department and yield direct revenue, except those last enumerated, are classed as irrigation and navigation works, for which neither Capital nor Revenue Accounts are kept. Up to the end of 1880-81, 61 works had been placed in this class. The remaining works of irrigation are divided into two classes—"Imperial" and "Minor,"—the former class being maintained by the Public Works Department, and the latter by the villagers under the control of the Revenue Department.

3. The latter class may be taken generally as including all tanks irrigating less than 200 acres, excepting such as, from their circumstances or position, may affect the safety of towns or important public works, and require therefore to be retained under professional care and supervision. Where it may be found necessary to maintain any minor tank in better order than has hitherto been the custom, it is proposed either to make a suitable grant-in-aid, or to allow a moderate remission of assessment as compensation for extra work done.

Intelligent upper subordinates, or men of that class, are to be appointed as Tank Inspectors, in order to give the Collectors the assistance necessary for the proper supervision of these works.

4. The direct capital expenditure incurred upon Productive and other works of irrigation and navigation up to the close of 1879-80 amounted to Rs. 1,99,35,764 as detailed in margin.

	Rs.
Productive Public Works . .	1,76,39,862
Irrigation and navigation works for which Capital and Revenue Accounts are kept . . .	22,95,902
TOTAL .	1,99,35,764

The indirect capital outlay to the end of the same year is not known.

The maintenance charges of 1879-80 amounted to Rs. 9,47,893, exclusive of charges in the Civil Department for collection of land revenue due to irrigation works, which are not known, and the gross revenue to Rs. 2,13,28,862 assessed on an irrigated area of 5,489,297 acres.

5. During 1880-81 the rainfall of the south-west monsoon was generally much below, and in some cases remarkably less than, that of the preceding year; indeed, in some districts the normal relation between the south-west and north-east monsoons was completely reversed. The area irrigated in the Godavari and Kistna Deltas fell somewhat below the high figures which had been reached in previous years, owing partly to a fall in the price of rice, and partly to plentiful and seasonable rain, which enabled the cultivators in many cases to dispense with artificial irrigation. In the southern districts a cyclone, which occurred on the 21st of November 1880, caused very heavy floods and a great amount of injury to works.

The area irrigated during 1880-81 by the eight systems specified in paragraph 2 is stated in the report to have amounted to 1,783,345 acres; but the

details are not given. The revenue assessed on this irrigated area is stated at Rs. 78,94,094, giving an average rate of Rs. 4·46 per acre.

6. The Delta of the Godavari is irrigated by a system of navigable canals, aggregating at present 458 miles in length. When completed the total length of canal channel will be about 503 miles. The canals are supplied by a weir, constructed across the river at a point 33 miles from the sea, the length of the weir crest being 3,938 yards, and its height 38 feet above mean sea level. The total estimated capital cost of the system is about 111 lakhs of rupees for direct charges only, the direct capital outlay to end of 1880-81 having been Rs. 89,20,776. The estimated area of ultimate irrigation is about 607,000 acres, and the area actually irrigated during 1880-81 was 526,585 acres.

The average revenue dependent upon the weir is stated as being somewhat in excess of 25 lakhs of rupees; and the maintenance charges of 1880-81 amounted to Rs. 4,45,447, including indirect charges for collection in Civil Department. The maintenance charges of 1879-80 amounted to Rs. 5,32,501.

The above figures do not, however, agree with those submitted in the report which accompanied the final revised estimate of the Godavari canals. There the position of the works at the end of 1880-81 is stated as follows :—

	Rs.
Direct receipts	16,96,919
Indirect receipts	1,63,393
TOTAL	18,60,312
Direct maintenance charges	4,24,878
NET EARNINGS	14,35,434

	Rs.
* Direct charges	88,90,371
Indirect "	17,57,342
TOTAL	1,06,47,713

Accepting these figures as correct, the net revenue yielded a return of 13·3 per cent. on the capital outlay to the end of the year, which is given in the same report as amounting to Rs. 1,06,47,713.*

The license fees for boats are—

	Rs.
For cargo boats, per ton	2
1st class passenger boats, per ton	4
2nd class passenger boats, per ton	2

The above fees free the boats on all canals in the Delta during the whole of the calendar year. Unlicensed boats pay 4 annas a ton for a single trip.

The navigation receipts and charges of 1880 are compared below with the average receipts and charges of the four previous years :—

	Receipts.	Charges.	Excess charges.
	Rs.	Rs.	Rs.
Average of years 1876 to 1879, inclusive	50,357	65,972	15,615
1880	51,315	76,301	24,986

The charges were abnormally high during the year, owing to silt clearances and renewals of lock-gates.

Some further particulars connected with the navigation are given below :—

	1879.	1880.
Total number of boats plying	1,254	1,189
Registered tonnage of cargo boats	22,037	18,225
Rafts passed through head locks	4,070	4,340
Mileage of canal open for navigation	458	458
Ton mileage	10,779,647	8,663,277
Estimated value of cargoes	Rs. 3,76,64,673	2,88,84,509

The freshes in the Godavari commenced early in June, and the water rose over the weir crest on the 28th June. The maximum flood of the year rose to a height of 7 feet over the crest of the weir on 19th September 1880, the maximum rise of 1879 having been 12 feet on 27th August, and the highest yet recorded 15·25 feet in 1861.

7. The Kistna Delta system of canals is not in such an advanced state of completion as that of the Godavari, only 277 miles of canal having been finished out of an intended total of 348 miles. The canals are supplied by

a weir thrown across the river Kistna at a point where the channel is confined by low rocky hills on either banks. The length of weir crest is therefore only 1,280 yards, its height above mean tide level being 45 feet, and its distance from the sea along the river 60 miles. The total estimated capital cost of the completed canals is Rs. 139 lakhs for direct charges only, the direct capital outlay to end of 1880-81 having been Rs. 55,59,084, including Rs. 2,98,541 expended on the Commamur canal. The area of irrigation ultimately attainable is estimated at 470,000 acres, the area now irrigated being 274,573 acres. The ultimate revenue is estimated at about 14 lakhs of rupees, the revenue now dependent upon the canals being rather more than 9 lakhs of rupees. The maintenance charges amounted during 1880-81 to Rs. 3,94,573, inclusive of Rs. 61,200 charged for collection in the Civil Department.

The net returns, therefore, yielded about 10 per cent. upon the direct capital outlay to the end of 1880-81.

The license fees for boats differ from those in force on the Godavari only in charging Re. 1 instead of Rs. 2 per ton on cargo boats.

The navigation receipts and charges of 1880 are compared below with the average receipts and charges of four preceding years :—

	Receipts.	Charges.	Excess charges.
	Rs.	Rs.	Rs.
Average of years 1876 to 1879, inclusive	18,266	30,079	11,853
1880	23,834	41,787	17,953

Further particulars of the navigation are given below, as for the Godavari :—

	1879.	1880.
Total number of boats plying	719	834
Registered tonnage of cargo boats	12,842	13,142
Rafts passed through head locks	1,245	1,062
Mileage of canal open for navigation	257	257
Ton mileage	1,854,678	3,230,187
Estimated value of cargoes	Rs. 66,31,909	64,63,571

The supply of water in the river during 1880-81 was rather uncertain, and during September 1880 the raising of the weir crest by a dry stone wall was commenced, but the water rose again shortly afterwards, and a number of small freshes kept up the supply. The highest flood of the year rose to 9·41 feet on the weir crest, the highest recorded having risen to 19·46 feet above weir crest in 1874. There was heavy rain in the Delta during November, which swamped some low-lying lands owing to the insufficient capacity of the drainage channels.

8. The Pennar Delta works were originally designed to supply irrigation to 64,000 acres of land, but the greatest area yet irrigated was 58,159 acres in 1870-71, and the average may be taken as 55,000 acres with a consolidated assessment of about 2 lakhs of rupees, of which nearly one-half is stated to be increase due to the works.

There is apparently no capital account for these works owing to want of completion estimates. During 1878-79 56,446 acres were irrigated, the increase of land revenue due to the works amounted to Rs. 1,43,768, and the charges on Revenue Account to Rs. 47,717. During 1880-81 the charges on Revenue Account amounted to Rs. 31,558; the area of irrigation is not given, but the crops are stated to have suffered from too much rain.

9. The Kavari Delta works have been constructed in order to regulate the distribution of the flood waters of the Kavari river over the districts of Tanjore and Trichinopoly. They consist of a weir and regulating dam, constructed at the head of the island of Seringham, about 10 miles west of Trichinopoly, across the Coleroon and Kavari rivers, the two branches into which the Agunda Kavari is divided by the island; also of certain escapes from the Kavari back to the Coleroon, of which the principal is the "Grand Anicut," or waste weir, at the lower end of the Seringham island, and of regulators across the Vennar and other spill channels, which branch off from the Kavari to the south and south-east.

The direct capital expenditure to the end of 1880-81 amounted to Rs. 10,17,174, and a further estimate, amounting to Rs. 6,88,000 for direct

charges only, has lately been provisionally sanctioned by the Government of India for the completion of the regulating works on the Kavari in the Tanjore district. The latest information regarding these works is given below :—

YEAR.	Acres irrigated.	Land revenue due to works.	Revenue charges.
		Rs.	Rs.
1878-79	805,033	8,47,722	1,00,352
1879-80	814,366	9,04,202	75,391

The average net Revenue of 1878-79 and 1879-80 therefore amounted to very nearly 77½ per cent. upon the direct capital outlay to end of 1880-81.

During the cyclone of November 1880 the rivers rose to a very unusual height, and flooded large areas of the country, injuring especially the crops irrigated from the Vennar and its branches.

10. The Srivaikuntham weir is thrown across the Tambrapurni river in the Tinnevelly district, about 16 miles from the sea. The works dependent on it provide not only for direct irrigation of the adjoining land, but for the supply of existing tanks in which the water is stored for use during the intervals between the freshes.

Estimates for the completion of the project have not yet been received by the Government of India, but the amounts sanctioned up to date aggregate Rs. 11,53,027 for direct expenditure only, and the direct capital outlay to end of 1880-81 amounted to Rs. 12,23,392.

The latest particulars available for these works are as follows :—

YEAR.	Acres irrigated.	Land revenue due to works.	Revenue charges.
		Rs.	Rs.
1878-79	19,324	33,723	68,105
1879-80	19,971	46,676	32,539

The revenue of 1878-79 was, therefore, Rs. 34,382 less than the revenue charges, and the net revenue of 1879-80 yielded a little more than 1 per cent. on the direct capital outlay to end of 1880-81. The completed works were originally expected to irrigate 32,000 acres. During 1880-81 the south-west monsoon failed in the Tinnevelly district, and the supply in the Tambrapurni fell short of the demand for water. For more than six weeks the water level at the weir never rose above one foot on the sill of the head sluices; but in November it rose to 10·42 feet above weir crest—a height only 1·33 feet lower than that of the flood of December 1877, the highest on record.

11. The Chambrambakam tank is a large reservoir, about 14 miles from Madras, which has been formed by enlarging an old Native tank. It covers 5,729 acres, or 8·95 square miles of ground, and contains 2,779 millions of cubic feet of water. The direct capital outlay to the end of 1880-81 amounted to Rs. 6,13,013, and a further expenditure of about Rs. 25,000 will be required to complete the works. The revenue charges of the year were Rs. 8,069, inclusive of Rs. 4,032 charged for collection of revenue in the Civil Department. No recent particulars of the area irrigated by, and increase of land revenue due to the tank, are apparently available; but it is estimated that it irrigates about 15,660 acres, yielding a return of Rs. 67,942.

If the estimate prove to be correct, the net returns will be about 9 per cent. on the total direct capital outlay.

12. The Palar anicut is thrown across the river of that name near the town of Arcot in the North Arcot District. It is 2,600 feet long, and supplies channels, which water about 37,000 to 38,000 acres of land.

The direct capital outlay to end of 1880-81 amounted to Rs. 16,57,191, and a further outlay of Rs. 20,000 to Rs. 25,000 will be required to complete the works. The revenue charges of 1880-81 amounted to Rs. 56,786, including Rs. 16,200 charged for collection of revenue in the Civil Department.

The latest particulars of irrigated area and revenue due to the works are given below:—

Year.	Acres irrigated.	Land revenue due to works.	Revenue charges.
		Rs.	Rs.
1878-79	34,032	1,01,613	8,612
1879-80	37,754	1,02,258	36,476

The average net revenue of 1878-79 and 1879-80, therefore, yielded about 4¾ per cent. on the direct capital outlay to the end of 1880-81; and if Rs 1,02,000 may be assumed as representing with fair accuracy the gross annual revenue due to the works, the net revenue of 1880-81 yielded very nearly 2¾ per cent. on the direct capital outlay to the end of the year.

During 1880-81 the tanks dependent on the Palar anicut received a good supply of water.

13. The Pelandorai anicut is constructed across the Vellar river, and supplies water for the irrigation of about 50 villages in South Arcot.

The direct capital outlay to end of 1880-81 amounted to Rs. 2,90,262, and a further expenditure of about Rs. 32,000 will be required to complete the works. The revenue charges of the year amounted to Rs. 12,464.

The revenue and irrigated areas of 1878-79 and 1879-80 are given below:—

Year.	Acres irrigated.	Increase of land revenue due to works	Revenue charges.
		Rs.	Rs
1878-79	2,430	2,657	32,454
1879-80	3,460	6,245	17,041

This does not seem to be a very prosperous undertaking. The flood in the Vellar of the 22nd November 1880 was the highest on record, and did much damage to the anicut head works and dependent channels and tanks.

14. The direct outlay during 1880-81 upon irrigation works, for which neither Capital nor Revenue Accounts are kept, amounted to Rs. 5,63,461 against a grant of Rs. 11,24,059.

Rs. 64,005 were also spent during the year on works, not exceeding Rs. 2,500 each in value, apparently for the improvement of tanks, classed as "Imperial," and Rs 4,76,079 were expended on repairs of these tanks against a grant of Rs. 5,13,287.

On repairs of the tanks classed as "Minor," and placed under charge of the Revenue Department, Rs. 87,078 were expended during 1880-81, against a grant of Rs. 1,46,500.

It is explained that the short outlay on "Imperial" works was chiefly due to the inefficient state of the Public Works establishment, resulting from insufficient strength and frequent transfers; that on "Minor" works to incomplete organisation of the arrangements for carrying out the work.

The provision of waste weirs for these works appears to be still very inadequate.

15. The direct outlay upon agricultural works during 1880-81 amounted to Rs. 2,85,682 against a grant of Rs 2,80,783. These works consist of river embankments and works for river conservancy and drainage.

16. In addition to the usual percentage of General Establishment charges, the whole cost of the following special establishment is debited to Irrigation:—

(1) Establishment of Chief Engineer for Irrigation.
(2) Water Regulation, Navigation, and River Conservancy establishment.
(3) Temporary Survey Establishment.
(4) Special Establishment for revenue investigations.

The cost of establishment of Chief Engineer for Irrigation was wholly debited to works of irrigation and navigation (No. 33), as the debit to Capital Account of Productive Public Works (No. 38) on account of general estab-

lishment was equivalent to the percentage sanctioned by the Government of India.

The total cost of establishment for water regulation, navigation and river conservancy was Rs.1,10,132 during 1880-81 against an expenditure of Rs.1,13,788 during the previous year.

The total cost of the temporary survey establishment amounted to Rs.23,071 during the year.

A special establishment, costing Rs.13,832 for the year, was employed in ascertaining the revenue due to irrigation in the Kavari Delta and under the Pennar, Pelandorai, Palar, and Srivaikuntham anicuts, and the Chambrambakam Tank. The investigation was completed for the Srivaikuntham anicut system, and nearly so for the other works, except those in the Kavari Delta.

17. It would add greatly to the utility of the report if all figures relating to expenditure and income were shown in the report and tabulated statements for the several *classes of works* enumerated in paragraph 2 of this review, instead being arranged *by districts* for all classes of works together, as in the tabular statement on page 42 of the report.

18. The Madras Irrigation and Canal Company's works consist of a weir across the Toombudra river and head works at Sunkesala, 17 miles above the town of Kurnool, and of a canal for irrigation and navigation from Sunkesala to Cuddapah, 190 miles in length.

The total direct expenditure on Capital Account to the end of 1880-81 amounted to Rs.1,16,69,077.

Owing to a variety of causes the returns from irrigation have hitherto been insufficient to cover even the working expenses of the canal, except in the famine years of 1876-77 and 1877-78, during which there was a considerable extension of irrigation, but this increase has not since been maintained, the rainfall having been quite sufficient for the cultivation of the dry crops which are grown on most of the land commanded by the canal.

The revenue charges on account of maintenance, establishment, general and home management, and compensation, amounted to Rs.1,39,324 during 1880-81, showing a satisfactory reduction on the expenditure of 1879-80 on the same account, Rs.2,35,662. The charges for home management were reduced from Rs.1,63,548 during 1879-80 to Rs.32,263 during 1880-81.

The gross revenue credited during 1880-81 amounted to Rs.74,356, but this amount includes an item of Rs.10,615 on account of "interest and profit on mortgage," and the revenue from irrigation and special water-rate was only Rs.60,089 in 1880-81, compared with Rs.1,67,056 in 1879-80. 17,798 acres of land were irrigated during 1880-81, 18,656 acres having been watered during 1879-80.

Excluding charges for penalty, interest, and town supply, the revenue assessed on the area irrigated in 1880-81 amounted to Rs.56,920, giving an average rate of Rs.3·20 per acre.

Owing to want of capital required for the completion of navigation works, and purchase of boats, navigation of the canal was not commenced until 1st October 1880. The working expenses of navigation amounted to Rs.18,390 and the receipts to Rs.5,783 during the year.

ORDER.—Ordered that a copy of the above Resolution be forwarded to the Government of Madras for information and guidance.

The Governments of Bombay, Bengal, North-Western Provinces and Oudh, and the Punjab, in the Public Works Department.
The Chief Commissioner, Central Provinces.
The Agent to the Governor General for Rajputana.

Also that a copy of the Resolution be forwarded to the Local Governments and Administrations marginally noted for information.

Also that a copy be forwarded to the Publisher of the *Gazette of India* for publication in the Supplement to the Gazette.

HENRY A. BROWNLOW, *Colonel, R.E.,*
Deputy Secy. to the Govt. of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

CIVIL WORKS.

Irrigation.

ORDERS ON REVENUE REPORT OF IRRIGATION WORKS IN BOMBAY (EXCLUDING SIND) FOR 1880-81.

No 237—50 I., dated Simla, the 7th July 1882.

RESOLUTION—By the Government of India, Public Works Department.

Read—

Letter from the Government of Bombay, No. 118 W.I.-269, dated 9th May 1882, forwarding the above.

OBSERVATIONS.—The capital outlay of all kinds during the year amounted to Rs. 2,22,388 and the total direct and indirect capital outlay to end of 1880-81 to Rs. 1,32,74,996.

2. The interest charges during 1880-81 amounted to Rs. 5,64,076, and the unpaid balance of accumulated interest at the end of the year to Rs. 53,86,110.

3. The assessed revenue of all kinds amounted to Rs. 2,30,652, and the maintenance charges to Rs. 1,47,995.* The net revenue was therefore Rs. 82,657 and yielded 0·62 per cent. return on the capital outlay to the end of the year.

* Indirect charges for leave and pension allowances not included in this sum.

4. Although the percentage of net revenue upon capital outlay was so small, the returns of the year under review were on the whole decidedly encouraging. The area irrigated during the year was very nearly 75 per cent. larger than the average area of the four preceding years, the area of "kharif" irrigation having been 120 per cent. and of "rabi" irrigation 37 per cent. in excess of the corresponding averages of the four preceding years.

5. The assessed revenue did not however increase in a similar proportion, as the increase occurred chiefly in the class of cereals (millet, rice, pulses and wheat) which pay the lower water rates. The average water rate per acre therefore fell from Rs. 8·39 per acre in 1879-80 to Rs. 6 01 per acre in 1880-81. Although the increase in the irrigated area of sugarcane was not nearly so marked as that under cereals, a very steady and satisfactory increase is perceptible in the area of this crop watered from the Government canals and tanks. The increase in irrigation of cereals having been due to a temporary cause, deficient and late rainfall, too much reliance should not be placed on it, and every effort should be made to secure permanence of supply by pushing on the construction of all storage reservoirs, which may be found economically feasible.

6. Fair progress is however being made in this respect, as it appears from the report that out of twelve systems of canal irrigation, three are already provided with storage works, for one, they are under construction, for two, the estimates are under consideration, for three more, surveys and estimates are in progress, and for another, a site for a reservoir has been found, leaving only two for which no such works have as yet been proposed.

7. Two very serious causes of the unremunerative character of these irrigation works lie in the high rate of maintenance charges, which are in many cases out of all proportion to the returns obtained from the works, and in the great loss of water by percolation from the canal channels. The Government of India is glad to see that the Government of Bombay is endeavouring to reduce the maintenance charges, although it is hardly satisfactory to find that they continued to increase during the year under review. The necessity for the large increase of nearly 20 per cent. in outlay upon repairs and of more than 28 per cent. on establishment charges should have been explained more fully than it

has been. The revenue charge for establishment amounts to nearly 49 per cent. of the outlay upon works and repairs and ought to be reduced without any further delay, as the duties involved in supervising the irrigation of 34,500 acres must have been almost nominal. There is no apparent reason why the cost of establishment employed on the main canals should vary from Rs. 59 per mile on the Jamda canal to Rs. 164·5 per mile on the Rewari canal and from Rs. 32·7 on the Ekruk Tank to Rs. 72·6 on the Maini Tank. Again the establishment employed on irrigation is shown as varying in cost from Re. 0-11-2 per acre on the Ojhar canal to Re. 1-9-5 on the Hathmati without any explanation of the causes of the difference.

8. If the loss by percolation and the volumes utilised have been correctly returned from the Palkher canal it would apparently be worth while spending a very considerable sum on stanching the channel. In the table on page 67 of the Chief Engineer's Report it is shown that an average volume of 10·38 cubic feet per second was lost by percolation during the year, only 4·44 cubic feet per second having remained available for irrigation. But the revenue assessed on the area irrigated by the latter volume amounted to Rs. 5,704 and the value of 1 cubic foot per second was therefore Rs. 1,282. Supposing a like demand to exist for the water lost, it may be taken as being worth at least Rs. 12,000, and it would pay well to spend Rs. 50,000 on saving it. It would not perhaps be necessary to puddle the bed in so expensive a manner as was done on the Hathmati canal, and the sum might suffice to stanch the whole of the 11 miles on which the principal loss from leakage occurs. The foregoing calculation however takes for granted the existence of a demand for the whole of the water saved. In any case, the very large proportion of water lost by percolation on this and other canals points to the necessity of full indirect credit being given to the Government Irrigation Works, in all cases where they can be shewn to have improved the irrigation from wells and natural watercourses in their neighbourhood.

9. The report on the supply of water in wells during the late famine, called for by the Government of India in the review of the Irrigation Revenue Reports of 1877-78 and 1878-79, and again in that of the Revenue Report for 1879-80, has not yet been received.

ORDER.—Ordered that copies of this Resolution and of the Report be forwarded to the Department of Finance and to the Revenue and Agricultural Department for information.

Ordered also, that copies of this Resolution be forwarded to the Government of Bombay for information and guidance; and that copies of the Report and of the Resolution be forwarded to the Local Governments and Administrations noted in the margin, in the Public Works Department, for information.

Governments of Madras, Bengal, the North-Western Provinces and Oudh, and the Punjab.
The Chief Commissioners, Central Provinces and British Burma
The Foreign Department, for communication to Resident at Mysore and Chief Commissioner of Coorg.
The Resident at Hyderabad.
The Agents, Governor General, Central India and Rajputana.

Ordered further, that this Resolution be published in the Supplement to the *Gazette of India.*

H. A. BROWNLOW, *Colonel, R.E.,*
Deputy Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XXV OF 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 25th June 1881. Total.	Receipts for week ending 25th June 1881. Per mile open.	Total mean length open.	Receipts for week ending 24th June 1882. Total.	Receipts for week ending 24th June 1882. Per mile open.	Total Receipts from 1st April to 25th June 1881. Total.	Total Receipts from 1st April to 25th June 1881. Per mile open per week.	Total Receipts from 1st April to 24th June 1882. Total.	Total Receipts from 1st April to 24th June 1882. Per mile open per week	Total Increase in 1882-83.	Total Decrease in 1882-83
	Guaranteed.		Rs.	Rs		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Last 6 days of June 1882	Eastern Bengal ...	172	76,035	412	172	88,175	513	7,78,028	361	8,63,878	414	85,850	...
24th June 1882	Oudh and Rohilkhund	547	74,579	136	547	78,379	143	12,18,035	181	13,67,167	206	1,49,132	...
24th ditto ...	Sind, Punjab & Delhi	676	1,43,101	212	676	1,89,815	281	22,20,469	267	23,81,345	290	1,60,876	...
24th ditto ...	Madras ...	858	1,28,231	149	858	1,50,747	176	14,56,791	138	16,83,632	162	2,26,841	...
24th ditto ...	South Indian ...	655	80,658	123	655	81,698	124	9,21,692	115	9,65,710	121	44,018	...
Last 6 days of June 1882 ...	Great Indian Peninsula	1,448	6,56,171	453	1,458	5,33,155	366	90,11,734	507	1,02,97,141	584	12,85,407	...
24th June 1882	Bombay, Baroda and Central India ...	444	1,53,090	345	461	1,96,573	426	32,27,900	591	32,02,143	572	...	25,757
	TOTAL ...	4,800	13,11,865	273	4,827	13,17,942	273	1,88,34,619	319	2,07,61,016	355	19,26,367	...
	State.												
Last 6 days of June 1882 ...	East Indian ...	1,504	7,23,604	481	1,507	7,91,924	525	1,02,46,998	554	1,08,30,276	591	5,83,278	...
17th June 1882	Calcutta and South-Eastern ...	28	6,609	236	...	(a)...	...	(b)30,102	95	(c)36,689	118	6,587	...
Last 6 days of June 1882 ..	Nulhati ...	27	1,235	46	27	1,351	50	15,795	48	17,071	52	1,276	...
Ditto ...	Northern Bengal ...	231	39,182	170	233	43,239	186	3,66,630	120	4,44,503	157	77,873	...
Ditto ..	Tirhoot ...	82	11,920	145	85	11,111	131	1,58,434	137	1,59,946	155	1,512	..
Ditto ...	Patna-Gya ...	57	7,155	126	57	6,978	122	1,11,028	138	1,17,201	169	6,173	...
Ditto ...	Muttra-Hathras ...	29	2,026	70	29	1,818	63	30,383	85	28,894	82	...	1,489
Ditto ...	Cawnpore-Furrakhabad	86	4,044	47	86	6,367	74	62,846	59	79,344	76	16,498	...
Ditto ...	Dildarnagar-Ghazipur	12	578	48	12	827	69	12,366	84	13,690	94	1,324	...
Ditto ...	Rajputana-Malwa ...	1,016	1,93,900	191	1,117	2,04,210	183	22,94,620	184	26,87,610	198	3,92,990	...
24th June 1882	Wardha Coal ...	45	10,572	235	45	9,396	209	1,12,664	204	1,57,737	288	45,073	...
24th ditto ...	Nagpur & Chhattisgarh	53	5,468	103	98	6,587	67	88,033	110	1,99,607	168	1,11,574	...
Last 6 days of June 1882 ...	Rangoon and Irrawaddy Valley ...	161	23,046	143	161	23,490	146	4,10,862	208	4,10,489	210	...	373
Ditto ...	Sindia ...	78	6,741	86	75	7,217	96	72,873	80	77,599	85	4,726	...
24th June 1882	Punjab Northern ...	363	68,886	190	412	59,429	144	7,99,812	179	7,18,892	150	...	80,920
24th ditto ...	Indus Valley and Kandahar ...	660	86,848	132	660	1,12,392	170	12,53,137	155	10,89,984	136	...	1,63,153
Last 6 days of June 1882 ...	Muttra-Achnera ...	...	...	...	23	1,154	50	...	...	14,196	51	14,196	...
	TOTAL ...	2,928	4,68,210	160	3,120	4,95,566	159	58,19,585	161	62,53,452	164	4,33,867	...
	Native States.												
24th June 1882	Bhavnagar-Gondal ...	192	12,095	63	194	13,401	69	2,72,191	115	3,08,099	131	35,908	...
24th ditto ...	Nizam's ...	121	17,320	143	121	18,500	153	2,07,007	139	2,04,580	139	...	2,427
10th ditto ...	Mysore ...	58	2,424	42	...	(a)...	...	(d)26,225	44	(e)48,787	56	22,562	...
	TOTAL ...	371	31,839	86	315	31,901	101	5,05,423	111	5,61,466	115	56,043	...
	GRAND TOTAL ...	9,603	25,35,518	264	9,769	26,37,333	270	3,54,06,655	300	3,84,06,210	321	29,99,555	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	1,66,41,128	141	1,84,34,981	154	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	1,87,65,527	159	1,99,71,229	167	12,05,702	...

(a) Return not received. (b) Total receipts from 1st April to 18th June 1881. (c) Total receipts from 1st April to 17th June 1882.
(d) Total receipts from 1st April to 11th June 1882. (e) Total receipts from 1st April to 10th June 1882.

F. FIREBRACE, *Major, R.E.,*
Under Secretary.

SIMLA,
The 15th July 1882.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

Comparative Statement of the Nett Indian Sea and Land Customs Revenue (excluding Salt Revenue) for the first three months of the official year 1882-83, and of the eleven preceding years.

(IN THOUSANDS OF RUPEES.)

YEAR.	FOR THE THREE MONTHS, APRIL TO JUNE.																									YEAR.
	BENGAL.				BOMBAY.				SINDH.				MADRAS.				BRITISH BURMA.				TOTAL BRITISH INDIA.					
	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	Total Import Revenue.	Export Revenue.	Total Revenue.	
1871-72 . .	2,46	16,87	5,35	24,68	2,37	7,46	1,11	10,94	27	24	32	83	94	2,99	3,89	7,82	35	1,11	6,69	8,15	6,39	28,67	35,06	17,36	52,42	1871-72.
1872-73 . .	3,19	15,58	5,68	24,45	1,52	10,34	1,09	12,95	26	22	79	1,27	1,03	3,37	3,16	7,56	91	1,27	11,85	14,03	6,91	30,78	37,69	22,57	60,26	1872-73.
1873-74 . .	2,24	15,12	3,85	21,21	1,69	8,65	1,12	11,46	30	15	29	74	1,05	3,42	3,86	8,33	90	1,19	11,04	13,13	6,18	28,53	34,71	20,16	54,87	1873-74.
1874-75 . .	3,06	16,42	3,38	22,86	1,70	8,74	1,01	11,45	30	11	26	67	91	3,70	3,21	7,82	1,11	1,79	8,09	10,99	7,08	30,76	37,84	15,95	53,79	1874-75.
1875-76 . .	3,08	19,81	4,36	27,25	1,88	10,38	2,88	15,14	28	28	66	1,22	1,13	3,60	3,92	8,65	1,10	1,08	14,60	16,78	7,47	35,15	42,62	26,42	69,04	1875-76.
1876-77 . .	3,38	15,70	2,66	21,74	2,08	9,12	44	11,64	34	14	7	55	1,47	3,30	2,26	7,03	1,30	1,40	9,92	12,62	8,57	29,66	38,23	15,35	53,58	1876-77.
1877-78 . .	3,80	19,07	3,06	25,93	2,61	10,90	47	13,98	55	22	13	90	1,35	1,85	48	3,68	1,38	1,56	8,49	11,43	9,69	33,60	43,29	12,63	55,92	1877-78.
1878-79 . .	3,39	16,13	3,24	22,76	2,27	10,62	58	13,47	48	11	9	68	1,51	2,60	1,14	5,25	2,12	1,84	9,96	13,92	9,77	31,30	41,07	15,01	56,08	1878-79.
1879-80 . .	2,89	15,23	1,93	20,05	2,40	8,32	63	11,35	71	21	7	99	1,30	1,91	1,30	4,51	1,84	1,46	12,40	15,70	9,14	27,13	36,27	16,33	52,60	1879-80.
1880-81 . .	3,33	12,99	1,85	18,17	2,29	10,75	53	13,57	1,21	25	8	1,54	1,41	2.49	2,44	6,34	1,32	1,87	12,64	15,83	9,56	28,35	37,91	17,54	55,45	1880-81.
1881-82 . .	3,59	13,46	3,15	20,20	2,85	10,85	58	14,28	1,14	36	11	1,61	1,24	2,51	2,14	5,89	1,90	1,91	13,82	17,63	10,72	29,09	39,81	19,80	59,61	1881-82.
1882-83 . .	3,77	9	3,42	7,28	2,96	—62*	50	2,84	92	2	18	1,12	1,42	...	1,11	2,53	2,31	2	19,10	21,43	11,38	—49*	10,89	24,31	35,20	1882-83.

* The amount refunded is greater than the duty collected.

DEPARTMENT OF FINANCE AND COMMERCE,
STATISTICAL BRANCH;
Calcutta, 20th July 1882.

T. C. HOPE,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 18th JULY 1882.

GENERAL REMARKS.—The monsoon has continued to give general rain throughout the country. The fall has been light in most districts of the Madras Presidency, save in the extreme south, where damage from excessive rain is reported. In Coorg the rainfall has again been heavy, and in Mysore and in the Nizam's Territories and Berar sufficient. In the Bombay Presidency the rain has been very heavy in some parts (including Sind), and good or fair in others; in the Central Provinces good in some districts and excessive in others; in the Central India and Rajputana States and in the Punjab good almost everywhere; in the North-Western Provinces and Oudh good in a few districts and light generally; in Bengal heavy towards Orissa, good in Bengal proper, and light in Behar; in Assam light in some places, fair in others; and in British Burma heavy in two districts and good in others.

There are, however, a few limited tracts from which no rain has been reported during the week under report, notably the Tanjore district in Madras, the Kolar district in Mysore, and Umballa in the Punjab.

General prospects, where not affected for the time being by excessive rain or flood as in Tanjore, Kanara, Hoshangabad, Coorg, and Dibrugarh, or by insufficient rain as in Chingleput or in parts of two districts of Bombay and of four districts in Bengal, are very favourable, as sowing operations are nearly complete and the young crops are doing well. The harvest of jute in Bengal promises to be a good one; and generally sugar and indigo are doing well throughout Northern India.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(July 12th)		
Bellary ...	1·18 (average of eight stations).	Standing wet crops good; harvest summer paddy, yield below average; fever in parts.
Kurnool ...	2·29 (average of nine stations).	Improvement in season continues; cattle-disease in parts; standing crops fair.
Ganjam ...	2·64 (average of twelve stations).	Standing summer paddy and dry crops reviving; fever, small-pox, and cholera prevalent; cattle-disease exists.
Kistna ...	1·92 (average of thirteen stations).	Small-pox and cattle-disease slight.
Chingleput (Madras) ...	·87 (average of eleven stations).	Standing crops good where water available; harvest paddy and dry crops, outturn below average; agricultural operations progressing; cattle-disease in parts.
Coimbatore ...	·71 (average of fourteen stations).	Standing crops generally good; harvest dry crops, yield about average; small-pox and fever in parts.
Tanjore ...	·26 (average of four stations).	Standing crops generally good, though require rain in parts; harvest paddy, yield below average; cattle-disease slight.
Madura ...	·25 (average of three stations).	Standing crops fair; harvest *cholum*, outturn below average; fever, cholera, and cattle-disease in parts.
Malabar ...	16·13 (average of fourteen stations).	First crop partially destroyed by heavy rain in parts; small-pox, cholera, and fever in parts.
Travancore ...	3·46	Cultivation affected by incessant rain; fever slightly prevalent. *General Remarks.*—General prospects good.
Madras—(July 19th)		
Bellary ...	·69 (average of seven stations).	Standing crops good; harvest summer paddy, yield below average; fever in parts.
Kurnool ...	·59 (average of six stations).	Season generally favourable; more rain wanted; agricultural operations commenced; cattle-disease in parts.
Ganjam ...	1·43 (average of fourteen stations).	Standing crops not thriving for want of timely rain; fever, small-pox, and cattle-disease continue; cholera prevalent.
Kistna ...	·75 (average of eleven stations).	Cattle-disease exists.
Chingleput (Madras) ...	·34 (average of eight stations).	Standing crops wet and dry good where water available; harvest wet and dry crops, outturn below average; agricultural operations progressing; small-pox slight in parts.
Coimbatore ...	·61 (average of eight stations).	Standing crops generally good, though some dry crops damaged in parts by insects or rain; harvest dry crops, outturn average; small-pox and fever in parts.
Tanjore ...	.....	Standing crops generally good, but damaged in two taluks by flood; harvest paddy, yield below average; cattle-disease slight in parts.
Madura ...	1·50 (average of one station).	Standing crops fair; fever, cholera, and cattle-disease in parts.
Malabar ...	9·36 (average of fourteen stations).	Standing crops generally good; small-pox, cholera, and fever in parts.
Travancore ...	1·33	Weeding paddy-fields continues; fever slightly prevalent. *General Remarks.*—No rain at Tanjore; general prospects good.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—(July 19th)		
Kurrachee ...	Kurrachee, 6·63; Manora, 4·93; Jerruck, 10·84; Tatta, 7·48; rain general throughout district.	River at Kotri on 17th, 17 feet against 13 feet 1 inch last year; crabs and turtles doing some damage in 2 tapas of Ghorabari; fever and colds in five talukas; 2 cases of small-pox in Ghorabari taluka; wheat, red rice, and *bajri* in Kurrachee 24, 36 and 32, in Kotri 30, 32 and 44, in Tatta 24, 44 and 14, and in Jati 18, 44 and 44 lbs. per rupee, respectively.
Hyderabad ...	Average rainfall in eleven talukas 5·97; in Hyderabad in 24 hours 12th and 13th the fall was 8·40.	River rose greatly during heavy rain, has since fallen, but is still high; wheat 24, *juari* 44, *bajri* 39, red rice 34, and white rice 24 lbs. per rupee.
Ahmedabad ...	.....	Total rainfall 19·19; sowing continues; cholera has nearly disappeared; wheat 27 and *bajri* 30 lbs. per rupee.
Baroda ...	5·90	Total rainfall 19·36; sowing of *kharif* finished in some places; general health good; *bajri* 30 and common rice 22 lbs. per rupee.
Surat ...	5·45	Total rainfall 25·43; sowing and transplantation nearly completed; break wanted; flood in Tapti; young crops healthy; *juari* 34 and *nagli* 51 lbs. per rupee.
Násik ...	Igatpuri, 20·00; Peint, 13·00; Násik and Kalwan, 3·23; slight in Yeola, Nando and Malegaon; sufficient elsewhere.	All crops doing well; *bajri* still being sown; locusts disappearing; wheat 24, *bajri* 36, and rice 25 lbs. per rupee.
Colaba (Bombay) ...	Rain very heavy on 12th and 17th; total of week, 8·38.	Total rainfall to date 51·37, being 15·10 above average; abnormal temperature 3° cool on 12th and 17th, *nil* on all other days; vapour in air normal; abnormal wind westerly.
Poona ...	Rain general; more wanted in Sirur and Bhimthari talukas; maximum at Mawal, 16·39; minimum at Indapur, ·58.	Young crops healthy; 3 fatal cholera cases in Poona; *bajri* 12¾ and *juari* 56¼ lbs. per rupee, in Poona *bajri* 36¼ and *juari* 47¾ lbs. per rupee.
Ahmednagar ...	Maximum at Akola, 4·53; minimum at Shrigonda, ·16.	Sowing of *kharif* in progress in all talukas, suspended in Karjat and Shrigonda, where rain is urgently wanted; cattle-disease in Karjat; cholera in Parner 8 attacks, 4 deaths, in Shrigonda 8 attacks, 6 deaths; *bajri*—maximum 60 lbs. in Jhamkhed, minimum 42 in Kopergaon, *juari*—maximum 90 in Jhamkhed, minimum 54 in Kopergaon.
Sholapur ...	·88	Total rainfall 16·69; cholera—70 cases, 25 deaths; *kharif* sowing nearly completed; *bajri* 56 lbs. 32 tolas and *juari* 75 lbs. 3 tolas per rupee.
Dharwar ...	Rain maximum—Hangal, 9·25; Dharwar, 8·11; Bankapur and Kod, above 4·00; Hubli above, 3·00; Navalgund and Karajgi, above 2·00; Ranuibennur, Gadag, and Nargund, above 1·00; Ron, ·90; minimum ·30 at Mundargi and Nargund.	More rain wanted in Dharwar, Hangal, Bankapur; excessive rain in other talukas doing much damage to young crops, and break required immediately; slight ague in one taluka and two pettas, and slight foot-and-mouth disease among cattle in Bankapur and Haveri; prices stationary.
Kanara ...	Karwar, 8·00; Kumpta, 13·89; Sirsi, 14·91; Hallial, 5·48.	Total rainfall 65·93; transplanting and weeding in rice-fields continue; sowing in *kumri* lands; excessive rainfall injures plants in low lands; small-pox, fever, and cattle-disease subsiding; common rice in Karwar 11½ seers, in district average 13 seers per rupee.
Rajkot ...	6·46	Total rainfall 12·47; weather cloudy; crops good; cholera in some places; *bajri* 25 and *juari* 20 lbs. per rupee.
		General Remarks.—Sowing mostly completed; transplantation in progress; rain general, heavy in Sind and several districts of the Presidency, where immediate break is required, but more rain is needed in a few talukas of Nasik, Ahmednagar, and Dharwar; cholera in Satara, Sholapur, Ahmednagar thana, and parts of Kathiawar; fever and cattle-disease in a few districts.
Bengal—(July 19th)		
Chittagong ...	2·13	Weather hot, with occasional rain, more rain wanted; cultivation for winter rice going on; prices somewhat high; cholera, small-pox, and cattle-disease still continue; fever has appeared.
Dacca ...	1·48	Weather showery; crops satisfactory; jute harvest commenced.
24-Pergunnahs (Calcutta)	3·67	Early rice, jute, and sugarcane doing well; transplanting of winter rice briskly going on; high lands being prepared; prices of common rice unchanged; health of people and cattle generally good; rivers rising.
Moorshedabad ...	0·90	Transplanting of winter rice has commenced on both high and low lands, but is being somewhat retarded owing to insufficient rainfall; prospects of autumn crops favourable; health of people generally good, except a few cases of fever at Ranganati.
Rajshahye ...	1·50	Prospects of crops favourable; more rain wanted; public health fairly good; prices unchanged.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bengal—*contd.*		
Burdwan ...	2·21	Prospects fair, but more rain wanted in several parts of the district; public health good.
Rungpore ...	2·33	Weather hot and cloudy; autumn rice being harvested; prospects good; transplanting of winter rice not yet completed; jute and sugarcane promising; prices of food-grains stationary; public health good.
Bhagálpur ...	1·19	More rain wanted for transplanting rice; prospects of autumn crops good.
Purneah ...	0·99	Prospects of crops fair; more rain wanted; weeding continues; health fair; rivers rising.
Patna ...	0·59	Prospects of autumn crops good; transplanting of rice seedlings commenced in Behar sub-division, but more rain wanted; cholera still reported from Behar, Sitao, and Islampur police stations, and small-pox from Giriak outpost.
Durbhunga ...	0·13	Weather hot and cloudy; more rain wanted; prices stationary; cholera has not yet quite disappeared.
Hazáribágh ...	1·85	Weather cloudy, with sunshine at intervals; autumn crops promising; transplanting of autumn rice commenced; cholera and small-pox still reported, but general health good.
Cuttack ...	2·88	Autumn and winter rice being weeded; cholera still reported.
		General Remarks.—Rain fell in all districts during the week, more rain is wanted in several places for transplanting late rice; prospects of jute and sugarcane excellent; early rice is being harvested in some places in Central and Eastern Bengal; manufacture of indigo proceeding generally, with average outturn, except in Durbhunga where the crop is said to be very uneven; cholera still very prevalent in Birbhoom, and cases are also reported from a few other districts; fever has appeared in some districts.
N. W. Provinces and Oudh—		
Benares (July 18th)	Benares, 1·8; Chandauli, 6·3; Gungapur, 1·1.	*Kharif* sowings nearly finished; rice sowings begun in Chandauli tahsil, but owing to want of rain not yet commenced in Benares tahsil; health of cattle good; isolated cases of cholera reported from parts of each tahsil; markets well supplied at moderate prices.
Cawnpore („ „)	Average over 1·4	Weather cloudy and close; prospects of *kharif* continues good; cholera has appeared in Ghatampur and Saih Salimpur; prices stationary.
Allahabad („ 19th)	Average 1·5	Crops flourishing; prices slightly fallen; health good; cholera much diminished in the district.
Gorakhpur („ 18th)	No rain for five days	Sky clear; rain wanted for rice; health good; prices steady.
Jhánsi („ 17th)	Rain from 3·7 in pargana Mau to 9·8 in pargana Jhánsi; average 6·1	Prospects good; sowing of *bajra* and *tili* continues; prices falling.
Agra („ 18th)	Rain in all parganas, from 0·5 to 3·9.	Prices slightly falling; slight fever in one pargana only and a few cases of cholera in another; general health good.
Farukhabad („ „)	Light showers only in four tahsils, moderate fall in the other two.	Prospects good, but in Aligarh tahsil damage has been caused by floods; health good.
Bareilly („ „)	Average 2·0	Weather seasonable; prospects good and little disease.
Meerut („ „)	Occasional light rain	Weather more open during past week; the occasional light rain so far very favourable to agricultural operations, which are in full progress; crops flourishing; supplies sufficient; prices stationary; health good.
Kumaun („ „)	Rain less during the week; three or four days' break.	Crops good; no change in prices; two deaths from *mahamari* disease reported, otherwise health good; foot-disease amongst cattle continues.
Lucknow („ „)	Sadr, 0·7; Maliabad, 0·6; Mohanlalganj, 0·4.	*Kharif* crops sown; *bajra* and *mot* sowing being carried on; cholera reported from tahsil Mohanlalganj, and is again increasing in the city; bazars well supplied; prices steady.
Rae Bareli („ 17th)	Sadr, 2·1; Digbijaiganj, 3·6; Dalamau, 4·2; Salon, 4·4.	Agricultural operations in progress; health of people and cattle generally good; though cholera still continues; prices slightly falling.
Partabgarh („ 18th)	Heavy rain in Kanda tahsil.	Rain wanted in Sadr and Patti tahsil; crops coming on well; prices steady; general health good.
Sitapur („ „)	Rain in all tahsils, but Sidhauli.	More rain required speedily in Sidauli tahsil; prices slightly rising; health generally good; cattle-disease in two tahsils.
Fyzabad („ „)	2·1	Sowings have come up well; cholera still in part of the district.
		General Remarks.—Rain general throughout the Provinces but light except in Jhánsi; agricultural operations still in progress; sowings germinating well, and prospects so far good; prices have a tendency to fall; cholera still continues in eastern districts, but general health fairly good; cattle-disease in Sitapur and Kumaun.
Punjab—(July 18th)		
Delhi ...	4·0	Health good; *kharif* sowings in progress; slight fall in prices of food-grains.
Hissar ...	.....	No report received.
Umballa ...	No rain	*Kharif* sowings in progress; health good; prices steady.
Jullundur ...	2·30	Health good; prices steady.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Punjab—*contd.*		
Amritsar ...	3·60	*Kharif* sowings commenced; health good; slight fall in prices of food-grains.
Sialkot ...	3·0	Health good; prices steady.
Lahore ...	2·0	Health good; prices stationary.
Ferozepore ...	1·20	*Kharif* sowings in progress; health good; prices falling.
Mooltan ...	2·30	Health and crops good; slight fall in price of barley.
Rawalpindi ...	2·50	*Kharif* crops good; health good; slight rise in prices of food-grains.
Dera Ismail Khan ...	3·80	Crops greatly benefited; health good; prices falling.
Peshawar ...	1·0	Crops benefited; slight fall in prices of wheat and gram.
		General Remarks.—Rain has been general except in Umballa; health good; prices of food-grains generally are falling.
Central Provinces—		
Nagpur (July 19th)	7·70	Weather cloudy and wet; prospects good; cholera prevalent; prices steady.
Jubbulpore („ 18th)	12·27	Weather cloudy and rainy; sowings approaching completion; cholera and small-pox prevalent; wheat 17 and rice 12 seers per rupee.
Saugor („ 17th)	7·27	Crops progressing favourably; cotton weeding going on; general health good; prices steady.
Seoni („ 18th)	5·17; rain incessant	Rain favourable to rice crops; cholera and cattle-disease prevalent; prices stationary.
Khandwa („ „)	2·24; showery	*Kharif* sowings continue; small-pox prevalent; wheat 14, rice 11½, and gram 23 seers per rupee.
Hoshangabad („ „)	11·49	Heavy rain on 15th instant caused floods; crops damaged; small-pox prevalent; wheat 15, rice 9, and *juari* 21 seers per rupee.
Raipur („ 15th)	5·13	Replonghing rice-fields commenced; cholera prevalent; prices falling; rice 40 and wheat 30 seers per rupee.
Sambalpur („ 13th)	8·15	Weather seasonable; prospects good; rice 52 seers per rupee.
		General Remarks.—Weather continues cloudy and wet; heavy rain has fallen in most districts; sowings continue; prospects favourable; cholera and small-pox still reported; prices steady.
British Burma— (July 15th)		
Akyab ...	19·86	Total rainfall 104·66; 5 deaths from cholera in the district, otherwise public health good; slight cattle-disease in five townships; sowings commenced.
Rangoon ...	4·41	Total rainfall 32·70; 2 deaths from cholera, otherwise public health good.
Bassein ...	4·45	Total rainfall 51·63; 1 death from cholera in the town and 7 in district, otherwise public health good; cattle-disease in part of district; ploughing proceeding.
Prome ...	1·42	Total rainfall 16·90, apparently more rain in district than in the town; 3 deaths from cholera in town and 13 in the district, otherwise public health good; cattle-disease prevalent in two townships; ploughing still very backward, but improving owing to late rain.
Amherst (Moulmein) ...	15·40	Total rainfall 92·32; public health good both in Moulmein and district; cattle-disease prevalent, but not severe in three townships; sowing still goingon.
Toungoo ...	4·45	Total rainfall 34·37; 12 cases and 2 deaths from small-pox in the district, but none in town; cattle-disease prevalent in part of the district.
		General Remarks.—Some cholera in Prome and Tharawaddy, and a few cases in the other districts of Pegu and Irrawaddy and in Akyab; a little small-pox in Toungboo, otherwise public health good; cattle-disease continues somewhat prevalent; rain more plentiful in places where it was wanted.
Assam—(July 18th)		
Gauhati ...	·60	Days hot; more rain wanted for transplanting operations; public health good; disease reported from the interior.
Sylhet ...	1·45	State and prospects of crops generally good; tea and sugarcane doing well; public health generally good.
Cachar ...	1·45	Weather intensely warm; rain much wanted; state of *dumahi* and *murali* crops and tea good; ploughing for *sali* crops retarded by want of rain; common rice 21 5/16 seers per rupee; 2 cases of cholera reported from Lakhimpur; cattle-disease reported in the Sadr tahsil, some cases also in Nalakandi.
Dibrugarh ...	2·62	Weather hot; ploughing for *sali dhan*; cattle-disease still reported; public health generally good; heavy and sudden flood in the Subansiri carried away houses, and it is said caused the death of 40 coolies on Dirpai garden, cattle also drowned in Bardolooni and Patalipani.
Mysore and Coorg—		
Bangalore ...	·44	Standing crops and seedlings in good condition.
Mysore ...	·25	Crops in good condition.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Mysore and Coorg— *contd.*		
Mercara ...	18·53	Monsoon continues heavy; the Cauvery again in full flood, many roads impassable, several houses and cattle-sheds have fallen down, many paddy flats in the Padinalkund taluk and on the Mercara plateau are flooded and are injured by landslips; elsewhere crops are doing well; prices stationary; public health good. *General Remarks.*—Rain has fallen abundantly throughout the province, except in the Kolar district where the *ragi* crop is suffering, elsewhere crops generally in good condition; transplanting of paddy commenced in some places; prospects favourable; public health good; fever and murrain abating; prices unaltered; Cauvery river again in high flood.
Berar & Hyderabad— **(July 19th)**		
Amráoti ...	3·06	*Kharif* crops above ground and in good condition; wheat 18 and *juari* 30 seers per rupee.
Akola ...	4·51	*Kharif* sowings almost completed; prospects favourable.
Hyderabad ...	1·71	Total rainfall from 1st January 10·21 inches; *kharif* crops benefited by the rains of the week; *abi* crops continue to be sown; tanks have received a considerable quantity of water; fever and cattle-disease prevail in places; prices—wheat 16, common rice 11, white *juari* 24¼, yellow *juari* 27½, and *tur* 25 seers per current sicca rupee.
Central India States— **(July 19th)**		
Indore ...	4·71	Almost continuous rain and drizzle; a break is much wanted, otherwise the *kharif* crop must suffer; health good.
Morar (Gwalior) ...	2·64	Health and prospects good.
Sutna ...	1·85	Weather cloudy and cool; health good.
Neemuch ...	3·13	Public health good.
Goona ...	6·60	Prospects good.
Bhopal ...	·29	Weather cloudy; continuous rain; prospects good.
Agar ...	·69	Health and prospects good.
Nowgong ...	5·19	Prospects very favourable; health fair; prices stationary.
Manpur ...	4·50	Health good; prices stationary.
Rajputana—		
Abu (July 19th)	5·85	Weather cloudy and overcast.
Sirohi („ 16th)	0·06	Tanks, wells, and health good; very little rain up to date.
Marwar („ 14th)	1·01	Fifteen days' water brought into tanks; health good; ploughing almost general; heavy clouds; copious showers reported from districts; prospects good; more rain expected; prices stationary.
Meywar („ 15th)	1·35	Tanks, wells, and health good; prospects very good; weather cloudy.
Harowti („ „)	Deoli, 6·09; Tonk, 1·88; Kotah ·90.	Few cases of cholera at Tonk and Shahpura; prices steady.
Jhallawar („ 12th)	1·89	Prospects favourable; health good.
Ajmere („ 18th)	3·36	Sowings progressing; seasonable weather; few cases of cholera still occurring.
Jeypore („ „)	1·37	Prices stationary; health good.
Ulwur („ „)	3·85	*Kharif* sowings continue; tanks and wells filling; prices of wheat 18, barley 22, *juar* 22½, and gram 21½ seers per rupee; health good.
Nepal—		
Katmandu ...	4·40; Rain almost daily.	Transplanting of rice nearly finished.

E. C. BUCK,
Secy. to the Govt. of India.

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Separate paging is given to this Part in order that it may be filed as a separate compilation.

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Nothing for publication.

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Nothing for publication.

SUPPLEMENT No. 30.

PART I.

Government of India Notifications, Appointments, Promotions, &c.

HOME DEPARTMENT.

NOTIFICATIONS.—ESTABLISHMENTS.

Simla, the 22nd July 1882.

No. 288.—Her Majesty the Queen, Empress of India, has been graciously pleased to appoint Mr. Theodore Cracraft Hope, C.S.I., of the Bombay Civil Service, to be an Ordinary Member of the Council of the Governor General of India. Mr. Hope has on the afternoon of this day taken his seat under the usual salute as an Ordinary Member of the said Council.

The 28th July 1882.

No. 291.—The services of Mr. E. Stack, C.S., are placed at the disposal of the Chief Commissioner of Assam, with effect from the date of his return to India from furlough.

SANITARY.

The 27th July 1882.

No. 245.—Surgeon-Major A. Stephen, M.B., Statistical Officer to the Government of India in the Sanitary and Medical Departments, is granted three months' privilege leave of absence, with effect from the 11th of August 1882, or any subsequent date on which he may avail himself of it.

JUDICIAL.

The 25th July 1882.

No. 1061.—The services of Mr. W. Macpherson, of the Bengal Civil Service, and of Babu Mohendro Nath Bose, of the Subordinate Judicial Service, are replaced at the disposal of the Government of Bengal, with effect from the 1st proximo.

The 26th July 1882.

No. 1070.—The Hon'ble Romesh Chunder Mitter, B.L., a Judge of the High Court of Judicature at Fort William in Bengal, took over charge of the duties of the Chief Justice of the Court from the Hon'ble Sir R. Garth on the forenoon of the 14th instant.

ECCLESIASTICAL.

The 28th July 1882.

No. 149.—The Reverend J. Lillie, M.A, an Assistant Chaplain of the Church of Scotland, to be a Chaplain of that Church, with effect from the 10th instant.

PATENTS.

The 25th July 1882.

No. 751.—Specifications of the undermentioned inventions have been filed, under the provisions of

Act XV of 1859, in the Office of the Secretary to the Government of India in the Home Department. Copies have been sent to one of the Secretaries to each of the Governments of Bengal, Fort St. George, Bombay, and the North-Western Provinces. A copy of every specification is open to public inspection, at all reasonable hours, at the Office of the Secretary to the Government of India in the Home Department at the Presidency, upon payment of a fee of one rupee. A certified copy of any specification will be given to any person requiring the same on payment of the expense of copying:—

No. 172 of 1881.—Ritter C. Von Schwarz, Civil Engineer, at Chanda, for punkha-pulling machinery.

No. 40 of 1882.—George Kynock, of Witton, near Birmingham, in the County of Warwick, England, for improvements in cartridge cases.

No. 42 of 1882.—Ewald Brüncker, Engineer, residing in Cologne, Kingdom of Prussia, for improvements in lock stitch sewing machines.

No. 43 of 1882.—George Westinghouse, Junior, of Canal Road, Kings Cross, in the County of Middlesex, England, for improvements in pneumatic brake apparatus.

No. 58 of 1882.—Richard Neale, of 60, Boundary Road, South Hampstead, in the County of Middlesex, England, Doctor of Medicine, for improvements in punkhas.

No. 59 of 1882.—Arthur Butler, of Mootiharry, Chumparun, Engineer and Contractor, for an improvement in valves.

No. 74 of 1882.—James Alfred Briggs and James Franklin, Gentlemen, both residents in the Presidency of Bombay, in the Empire of India, for improvements relating to refrigerating by means of compressing and expanding air or other gaseous matter, which improvements are especially applicable to the manufacture of ice, and to the cooling of the air in the interior of buildings, railway carriages, ship's cabins and holds, and in all cases where a cool atmosphere is desirable.

No. 78 of 1882.—Nelson Frederick Evans, of Philadelphia, Pennsylvania, United States of America, for improvements in, and relating to, processes for extracting metals from their ores, and in apparatus therefor.

No. 82 of 1882.—Edwin Smith, of Honley, near Huddersfield, in the County of York, England, manufacturer, for improvements in looms for weaving.

No. 83 of 1882.—Preo Nath Roy Chowdry, Native Doctor, of Madhupur, on the Chord Line of the East Indian Railway, for improvements in sugarcane-crushing mills.

No. 87 of 1882.—Walter Shepherd Upshur, John Arthur Upshur, and William Robertson Royster (Clerks), of the City of Richmond, in the County of Henrico and State of Virginia, in the United States of America, for improvements in shipping tags.

No. 93 of 1882.—William Crookes, F.R.S., of Boy Court, Ludgate Hill, in the City of London, England, for improvements in the construction of electric lamps, and apparatus for electric lighting.

No. 94 of 1882.—William Crookes, F.R.S., of Boy Court, Ludgate Hill, in the City of London, England, for improvements in the construction and manufacture of electric lamps.

No. 97 of 1882.—George Guillaume André, of Dorking, in the County of Surrey, England, for improvements in, and connected with, electric lamps.

FORESTS.

The 22nd July 1882.

No. 619F.—Mr. J. Copeland, Sub-Assistant Conservator of Forests in the Punjab, is appointed to officiate, until further orders, as an Assistant Conservator of Forests of the 3rd Grade, with effect from the 28th June 1882.

A. MACKENZIE,
Secy. to the Govt. of India.

FOREIGN DEPARTMENT.

NOTIFICATIONS.—GENERAL.

Simla, the 26th July 1882.

No. 200 G.—With reference to Foreign Department Notification No. 877 G.G., dated 26th May 1882, Mr. A. Mitchell, Head Master of the Kamthi Zila School, Central Provinces, is appointed to officiate as Superintendent of the Rajkumar College in Bundelkhand, with effect from the date of assuming charge, *vice* Mr. J. Mather.

The 28th July 1882.

No. 216 G.—The following appointments are made in the Graded Political Service, with effect from the dates specified:—

Major H. Wylie, C.S.I., Bengal General List, Infantry, Political Agent, 3rd Class, to officiate as a Political Agent, 2nd Class, from the 13th March 1882.

Mr. Ney Elias, Political Assistant, 1st Class, to officiate as a Political Agent, 3rd Class, from the 13th March 1882.

Captain J. H. Newill, M.S.C., Political Assistant, 2nd Class, and Officiating Political Assistant, 1st Class, to officiate as a Political Agent, 3rd Class, from the 24th April 1882.

Major J. Burne, B.S.C., Officiating Political Assistant, 2nd Class, to officiate as a Political Assistant, 1st Class, from the 13th March 1882.

Captain A. P. Thornton, B.S.C., Officiating Political Assistant, 2nd Class, to officiate as a Political Assistant, 1st Class, from the 24th April 1882.

Lieutenant R. H. Jennings, R.E., Officiating Political Assistant, 2nd Class, to officiate as a Political Assistant, 1st Class, from the 24th May 1882.

Captain A. M. Muir, B.S.C., Officiating Political Assistant, 3rd Class, to officiate as a Political Assistant, 2nd Class, from the 24th April 1882.

No. 224 G.—Mr. W. R. Lawrence, C.S., Officiating Political Assistant, 3rd Class, officiated as a Political Assistant, 2nd Class, from the 25th May 1882 to the date on which he was relieved of his duties as Officiating Assistant Commissioner, Ajmere.

No. 226 *G.*—Mr. J. R. Fitzgerald, C.S., Officiating Political Agent, 3rd Class, and Assistant Commissioner, Ajmere, is appointed to officiate as a Resident of the 2nd Class, and is posted temporarily as Commissioner of Ajmere, with effect from the date of assuming charge, *vice* Mr. L. S. Saunders, C.S., on privilege leave.

POLITICAL.

The 28th July 1882.

No. 235 *G.*—His Excellency the Viceroy and Governor General is pleased to confer upon Mr. Raghunath Trimbak, Head Clerk, Assistant Quarter Master General's Office, Bombay, the title of "Rao Sahib," as a personal distinction.

No. 237 *G.*—His Excellency the Viceroy and Governor General is pleased to confer upon Mr. Wassudeo Pandurang, late Assistant Secretary to the Government of Bombay in the Revenue, Financial and General Departments, the title of "Rao Bahadur," as a personal distinction.

JUDICIAL.

The 25th July 1882.

No. 247 *I.*—Under Section 8 of Act XV of 1872 (The Indian Christian Marriage Act, 1872), the Governor General in Council is pleased to appoint the Reverend C. B. Ward to be a Marriage Registrar, in respect of all places within the territories of His Highness the Nizam of Hyderabad, authorising him to grant certificates of marriage between Native Christians.

The Governor General in Council is also pleased to grant to the Reverend C. B. Ward a license under Section 9 of the aforesaid Act.

The 28th July 1882.

No. 228 *G.*—Mr. J. R. Fitzgerald, C.S., Officiating Resident, 2nd Class, and Officiating Commissioner, Ajmere, is invested temporarily with the powers of a Sessions Judge as described in the Code of Criminal Procedure, with effect from the date of assuming charge of the office of Commissioner of Ajmere.

No. 287 *I.*—In exercise of the power conferred by Section 5 of Act XIV of 1874 (The Scheduled Districts Act, 1874), the Governor General in Council is pleased to extend Act XIV of 1882 (The Code of Civil Procedure), except Sections 1 and 3 which are already in force, to the cantonment of Morar.

No. 289 *I.*—In exercise of the power conferred by Section 5 of Act XIV of 1874 (The Scheduled Districts Act, 1874), the Officiating Chief Commissioner of Ajmere and Merwara is pleased, with the previous sanction of the Governor General in Council, to extend Act XIV of 1882 (The Code of Civil Procedure), except Sections 1 and 3 which are already in force in that district, to the Scheduled District of Ajmere and Merwara.

C. GRANT,
Secy. to the Govt. of India.

ORDER OF THE INDIAN EMPIRE.

NOTIFICATION.

Simla, the 28th July 1882.

No. 33 *I.E.*—In accordance with Her Majesty's Warrant for the Institution of the Order of the Indian Empire, the undermentioned gentleman is declared to be *ex-officio* and for life a Companion and Member of the aforesaid Order :—

The Hon'ble Theodore Cracraft Hope, C.S.I., Member of the Council of the Governor General of India.

By Order of the Grand Master,

C. GRANT,
Secretary to the Order of the Indian Empire.

DEPARTMENT OF FINANCE AND COMMERCE.

NOTIFICATIONS.

Simla, the 27th July 1882.

No. 2734.—Mr. D. M. Barbour, B.C.S., is confirmed in the appointment of Secretary to the Government of India in the Department of Finance and Commerce, with effect from the 23rd July 1882.

STEPHEN JACOB,
Offg. Under-Secy. to the Govt. of India.

No. 2662.

RESOLUTION—By the Government of India, Department of Finance and Commerce.

Read again—

Resolution in the Department of Finance and Commerce, No. 2679, dated 31st August 1878, laying down rules to regulate the powers of Local Governments to sanction special additions to salaries which are not authorised by any general or special orders of the Government of India.

Letter in the Department of Finance and Commerce to the Accountant General, Bombay, No. 3377, dated 4th October 1881, stating, in reply to an enquiry by the Accountant General, that the sanction of the Government of India was requisite to the grant of additional remuneration to a public officer, in the shape of a local allowance, for the performance of duties alien from those of his proper office, whether such allowance was payable from Imperial or Provincial Revenues, and whatever the emoluments of the officer might be.

Letter in the Department of Finance and Commerce, to the Government of Bombay, No. 2303, dated 31st December 1881, stating that the orders in the letter to the Accountant General, Bombay, No. 3377, dated 4th October 1881, were not intended to interfere with the combination of two or more sanctioned offices in one officer in cases in which allowances for such combination were regulated in accordance with rules in Chapter VII of the Pay and Acting Allowance Code.

Read—

Letter from the Government of Bombay, No. 2128, dated 9th June 1882, referring for orders certain questions which have been raised by the Accountant General, Bombay, in connection with the above-mentioned orders of the 4th October and 31st December 1881.

RESOLUTION.—His Excellency the Governor General in Council has considered it necessary to lay down the following rules regarding the powers of Local Governments in sanctioning the appointment of one officer to hold two or more appointments at the same time, and the grant of allowances in such cases. The orders of the 4th October and 31st December 1881, read in the preamble, are hereby withdrawn :—

(1) A Local Government may grant a local allowance to an officer paid from Provincial Revenues, provided the officer's total emoluments, including the local allowance, do not exceed Rs. 250 a month.

(2) A Local Government cannot, without the previous sanction of the Government of India, appoint an officer to hold two appointments as a permanent arrangement, unless the pay of the appointments is a Provincial charge, and unless their aggregate pay does not exceed Rs. 250 a month. A Local Government may, as a temporary measure, appoint one officer to two or more appointments without the sanction of the Government of India, and in such case the emoluments of the officer will be regulated by the Rules in Chapter VII of the Pay and Acting Allowance Code.

(3) If a local allowance is sanctioned by the Government of India on the understanding that it shall be drawn by any officer who may perform the duties for which it is granted, the sanction of the Government of India will not be required a second time in the case of any particular officer to whom the Local Government may assign the duties.

2. The foregoing rules shall not have retrospective effect in respect of allowances now drawn, or appointments already made, so far as regards present incumbents; but they must be strictly applied in the future whenever there is a change of incumbents, and the sanction of the Government of India should be obtained in every future case in which it may be necessary to do so under the rules now prescribed.

ORDERED, that this Resolution be published in the *Gazette of India*, and that it be communicated to—

The several Departments of the Government of India,
The several Local Governments.
The Director General of the Post Office of India.
The Comptroller General and all Accountants General.

The 28th July 1882.

No. 2680.—Whereas under the terms of Notification in the Department of Finance, No. 3646, dated 13th November 1880, the Municipality of Madras have paid to the Collector of Stamps, Madras, Rs. 1,750 as composition for the stamp duty chargeable on a sum of Rs. 3,50,000 which the said Municipality were authorised to borrow, and which have been raised by the issue of the undermentioned debentures, dated the 15th day of March 1882, *viz.*,—

Nos.	$\frac{01}{001}$	to	$\frac{90}{090}$	at Rs.	500 each.
"	$\frac{01}{091}$	"	$\frac{55}{145}$	"	1,000 "
"	$\frac{01}{146}$	"	$\frac{40}{185}$	"	2,500 "
"	$\frac{01}{186}$	"	$\frac{30}{215}$	"	5,000 "

In exercise of the powers conferred by Section 8 of the Indian Stamp Act, 1879, the Governor General in Council has exempted the abovementioned debentures from any stamp duty with which they might otherwise be chargeable, whether on issue, renewal, or sub-division.

No. 2686.—Furlough out of India for one year having been granted to Mr. W. H. Dobbie, Assistant Comptroller General, Mr. Dobbie availed himself of the leave after noon on the 20th July 1882.

No. 2715.—The following Declaration between the British and Russian Governments, signed at London on the 9th of June 1882, on the subject of tonnage measurement of vessels, is published for general information:—

The English system of tonnage measurement (Moorsom's system) being henceforward in force as well in the Empire of Russia and the Grand Duchy of Finland as in the United Kingdom of Great Britain and Ireland, and in the British Colonies, the Government of Her Majesty the Queen of the United Kingdom of Great Britain and Ireland, and the Government of His Majesty the Emperor of All the Russias, have agreed to the following Declaration:—

1. Russian and Finland vessels measured according to the abovementioned system shall be admitted into the ports of the United Kingdom and its Colonies; and British vessels measured according to the same system shall be admitted into the ports of Russia or Finland, without being subjected, for the purpose of payment of navigation dues, to any fresh operation of measurement.

The navigation dues above mentioned shall be calculated on the net tonnage.

2. The Finland and English Regulations respecting tonnage measurement being substantially the same, English certificates of tonnage measurement shall in the Grand Duchy of Finland, and Finland certificates of tonnage measurement, taken out after the 31st May 1877, shall, in the United Kingdom and its Colonies, be recognised, without any operation of measurement or other formality whatsoever; and the net tonnage of all British or Finland ships inscribed on the ship's papers shall be considered in the respective ports of each country as equivalent to the net register tonnage of national vessels.

3. English certificates of tonnage measurement shall in Russia, and Russian certificates of tonnage measurement, taken out after the $\frac{\text{20th December 1879}}{\text{1st January 1880}}$, shall, in the United Kingdom and its Colonies, be likewise reciprocally recognised in the ports of each country without any operation of measurement.

As, however, the provisions of the Russian Regulation do not entirely correspond to the English Regulations relative to the mode to be followed in the determination of crew spaces in ships, and machine and coal spaces in steamers, the deductions in respect of these shall, for English vessels in Russian ports, be calculated according to the figures shown in the certificates of tonnage measurement, in conformity with the Regulation sanctioned the $\frac{\text{20th December 1879}}{\text{1st January 1880}}$, without remeasurement of the vessel.

This measure shall be applicable in British ports to Russian vessels touching there, if the captains of the said vessels shall express a desire to that effect; and, in such case, the provisions of the Merchant Shipping Act of the 10th August 1854 shall be complied with.

4. The abovementioned arrangements shall apply also to vessels propelled by any other artificial power than steam.

The present Declaration shall come into operation on the $\frac{\text{1st}}{\text{13th}}$ July 1882, and shall remain in force so long as one of the Contracting Parties shall not have notified to the other six months in advance its intention of terminating it.

In witness whereof the undersigned, duly authorised for this purpose, have signed the present Declaration, and have affixed thereto the seal of their arms.

Done, in duplicate, at London, the $\frac{\text{28th day of May}}{\text{9th day of June}}$ 1882.

(L. S.) GRANVILLE.

(L. S.) LOBANOW.

No. 2737.—Mr. W. Alpin having been appointed to officiate as Comptroller, Post Office, during the absence on privilege leave of Mr. J. Dillon, or until further orders, received charge of the appointment after noon on the 18th July 1882.

D. M. BARBOUR,
Secy. to the Govt. of India.

MILITARY DEPARTMENT.

Simla, the 28th July, 1882.

APPOINTMENTS.

No. 407.—PERSONAL STAFF—

The following appointment has been made on the personal staff of Lieutenant-General C. Cureton, C.B., Commanding Oudh Division:—

Major R. C. D'E. Spottiswoode, 10th Hussars, to be Aide-de-Camp. Dated 6th April, 1882.

No. 408.—The following appointment has been made on the personal staff of Lieutenant-General Sir M. A. S. Biddulph, K.C.B., Commanding Rawalpindi Division:—

Lieutenant S. F. Biddulph, Bengal S. C., Officiating Squadron Officer, 11th (Prince of Wales' Own) Bengal Lancers, to be Aide-de-Camp. Dated 17th July, 1882.

No. 409.—ORDNANCE DEPARTMENT—

Major R. F. Lowis, R.A., Assistant to the Inspector General of Ordnance and Officiating Deputy Inspector General of Ordnance, to be Deputy Inspector General of Ordnance, *vice* Lieutenant-Colonel D. J. Welsh, R.A., whose tour of service has expired.

Major F. Galloway, R.A., Commissary of Ordnance, 2nd Class, and officiating as Assistant to the Inspector General of Ordnance, to be Assistant to the Inspector General of Ordnance, *vice* Major Lowis.

Captain G. G. Monck-Mason, R.A., Commissary of Ordnance, 3rd Class, and Officiating Commissary of Ordnance, 2nd Class, to be Commissary of Ordnance, 2nd Class, *vice* Major Galloway, seconded.

Lieutenant W. H. E. Dobie, R.A., Officiating Commissary of Ordnance, 3rd Class, to be Commissary of Ordnance, 3rd Class, *vice* Captain Monck-Mason.

With effect from the 23rd July, 1882.

No. 410.—PUNJAB FRONTIER FORCE—

(Queen's Own) Corps of Guides.

Lieutenant R. G. Egerton, Officiating Wing Officer, on probation, to be Wing Officer, on probation.

1st Sikh Infantry.

Lieutenant E. Vansittart, Madras S. C., Officiating Wing Officer, to be Wing Officer.

2nd Sikh Infantry.

Lieutenant G. W. B. Swiney, Officiating Wing Officer, on probation, to be Wing Officer, on probation.

3rd Sikh Infantry.

Lieutenant W. D. Gordon, Officiating Wing Officer and Officiating Quartermaster, to be Wing Officer, *vice* Major J. E. P. Mosley, seconded.

4th Sikh Infantry.

Lieutenant C. V. W. Williamsón, Officiating Wing Officer, to be Wing Officer, *vice* Major V. Rivaz, seconded.

1st Punjab Infantry.

Lieutenant E. L. Hight, Officiating Wing Officer, on probation, to be Wing Officer, on probation, *vice* Lieutenant T. C. Pears, seconded, and to officiate as Adjutant.

2nd Punjab Infantry.

Lieutenant E. H. Rodwell, Officiating Wing Officer and Quartermaster, to be Wing Officer and Quartermaster.

4th Punjab Infantry.

Lieutenant W. du G. Gray, Madras S. C., Officiating Wing Officer and Quartermaster, to be Wing Officer.

5th Goorkha Regiment.

Lieutenant A. A. Barrett, Officiating Wing Officer, to be Wing Officer.

No. 411.—VOLUNTEER CORPS—

East Indian Railway Volunteer Rifle Corps.

Captain Sir C. H. Leslie, Bart., Bengal S. C., Wing Officer, 21st Native Infantry, to be Inspector and Adjutant, *vice* Major F. B. J. Jerrard, vacated on promotion.

No. 412.—In G. G. O. No. 318 of 1882, *for* "J. T. Macnair" *read* "John Fredrick Macnair."

FURLOUGH AND LEAVE.

No. 413.—The undermentioned officers are granted furlough out of India, with the necessary subsidiary leave:—

Major G. A. White, South Lancashire Regiment, Brigade Major on the establishment, (m. c.) to the 1st November, 1882, under G. G. O. No. 813 of 1876.

Surgeon-Major J. J. Durant, (m. c.) for one year, under rule XIV, clause (1), of the regulations of 1868.

PROMOTIONS.

No. 414.—Under the provisions of the Royal Warrant of the 10th November, 1881, the names of the undermentioned officers of the Indian Staff Corps are placed on the Indian Gradation List as specified:—

Colonel A. B. Little, Bombay S. C., is placed on the list of Major-Generals,

Major (now Lieutenant-Colonel) F. B. Middleton, Madras S. C., is placed on the list of Lieutenant-Colonels,

in consequence of the death of Major-General C. Jackson, Bengal Infantry, on the 14th April, 1882.

Colonel J. L. Nation, C.B., Bengal S. C., is placed on the list of Major-Generals,

Major (now Lieutenant-Colonel) E. Temple, Bengal S. C., is placed on the list of Lieutenant-Colonels,

in consequence of the transfer to the Unemployed Supernumerary List of Lieutenant-General G. S. Montgomery, C.S.I., Bombay Infantry, on the 7th May, 1882.

No. 415.—INDIAN ARMY—

The following promotions are made, subject to Her Majesty's approval:—

BREVET.

To be Colonels.

Lieutenant-Colonel Robert Beatty, Madras Infantry,—1st July, 1881.

Lieutenant-Colonel David Walter Williams, Madras Infantry,—1st July, 1881.

No. 416.—COMMISSARIAT DEPARTMENT—

Sub-Conductor and Officiating Conductor William Alexander Murison, to be Conductor,

Sergeant and Officiating Sub-Conductor William Evans, to be Sub-Conductor,

with effect from the 20th March, 1882, *vice* Conductor J. Townsend, pensioned.

Sub-Conductor and Officiating Conductor Joseph Tyler, to be Conductor,

Sergeant and Officiating Sub-Conductor John Sherry, to be Sub-Conductor,

with effect from the 23rd May, 1882, *vice* Conductor E. Browne, pensioned.

No. 417.—PUBLIC WORKS DEPARTMENT—

Honorary Lieutenant and Assistant Commissary James Murray, Barrack Master, 2nd class, to be Deputy Commissary, with effect from the 2nd July, 1880, his name standing as such in the

Army List next above that of Honorary Captain and Deputy Commissary J. Walshe.

Deputy Commissary Murray will rank as follows :—

Sub-Conductor	... 25th January, 1864.
Conductor	... 21st February, 1872.
Deputy Assistant Commissary	15th July, 1875.
Assistant Commissary	... 4th December, 1879.

No. 418.—NATIVE ARMY—

33rd Native Infantry.

Jemadar Sirdar Sing, to be Subadar, *vice* Dabeedeen, deceased,—15th January, 1882.

Jemadar Puncham, to be Subadar, *vice* Mahomed Hoosein Khan, invalided—1st May, 1882.

Havildar Simbhoo, to be Jemadar, *vice* Ramdial, invalided,—1st May, 1882.

Havildar-Major Gungadeen, to be Jemadar, *vice* Sirdar Sing, promoted,—15th January, 1882.

Havildar Bhola Sing, to be Jemadar, *vice* Puncham, promoted,—1st May, 1882.

PENSIONS.

No. 419.—The undermentioned Warrant Officers are transferred to the Pension establishment :—

Honorary Lieutenant and Deputy Assistant Commissary Thomas Gill, Commissariat Department.

Honorary Lieutenant and Deputy Assistant Commissary William Durham, Commissariat Department.

RETIREMENTS.

No. 420.—Surgeon-Major John Berry White is permitted to retire from the service, with effect from the 15th July, 1882, subject to Her Majesty's approval.

G. CHESNEY, *Colonel,*
Secretary to the Government of India.

PUBLIC WORKS DEPARTMENT.

NOTIFICATIONS.

Simla, the 24th July 1882.

No. 180.—Mr. W. B. Carter, Superintending Engineer, Class III, temporary rank, Railway Branch, is posted to the establishment under the Agent, Governor General, Central India, and is appointed to officiate as Engineer-in-Chief of the Bhopal Railway during the absence of Mr. H. T. Geoghegan, on privilege leave, or until further orders.

The 27th July 1882.

No. 181.—The following changes in the classes of Superintending Engineers are ordered, with effect from the 10th July 1882 :—

Mr. H. Johnson, Officiating Superintending Engineer, Class III, to revert to Executive Engineer, 1st Grade.

Mr. W. B. Carter, Superintending Engineer, Class III, temporary rank, to officiate as Superintending Engineer, Class II.

W. S. TREVOR, *Colonel, R.E.,*
Secy. to the Govt. of India.

The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, JULY 29, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller General, &c.

GAZETTE OF INDIA.

NOTICE.

The 11th March 1882.

From the 8th April next, till further notice, Parts I, IV, and V of the *Gazette of India*, and the Weather and Crop Report, will be published at Simla. After the 1st April, all Notifications and other matter intended for publication in those Parts, should be addressed to the Officiating Publisher at that station.

Parts II and III and the Supplement will continue to be published in Calcutta.

Parts IV and V of the *Gazette of India*, containing the Acts and Bills of the Legislative Council, may be subscribed for separately from the other Parts of the Gazette. The annual subscription for the two Parts is Rs. 5 per annum, payable in advance. When sent by post, Rs. 2-8 per annum additional will be charged for postage. For the current year these Parts are available from 1st May only, the back numbers being out of print.

Complaints regarding non-receipt of any number of the *Gazette* should be forwarded within a week after the day on which it is due.

Applications for the supply of the *Gazette* on the *public service* should be addressed to the Home Department.

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Postage on single copies varies according to weight.

E. J. DEAN,
Publisher Gazette of India.

SURVEY OF INDIA.

NOTIFICATION.

Mussooree, the 18th July 1882.

No. 287.—Mr. G. H. Cooke, Assistant Superintendent, 2nd Grade, having returned from furlough, is appointed to officiate in the 1st grade of Assistant Superintendents, with effect from the afternoon of the 9th June 1882.

J. T. WALKER, *Lieut.-Genl., R.E.,*
Surveyor General of India.

CALCUTTA UNIVERSITY.

NOTICE.

The University Examinations in Arts of 1882-83 will be held on the undermentioned dates :—

Entrance Examination and First Examination in Arts on Monday, the 27th November, and following days.

B. A. Examination on Monday, the 1st January, and following days.

Applications from candidates for admission to the Entrance and First Arts Examinations must be lodged with the Registrar before the 27th October.

Applications from candidates for admission to the B. A. Examination must be lodged with the Registrar before the 1st December.

All candidates from the same institution must appear at one and the same place of examination.

By order of the Vice-Chancellor,

G. BELLETT,
Registrar.

SENATE HOUSE,
The 19th July 1882.

AGENT, GOVERNOR GENERAL, FOR RAJPUTANA.

NOTIFICATION.

Mount Abu, the 22nd July 1882.

No. 2098 *G.*—With reference to this Office Notification No. 1307 G., dated 12th May 1882, Major C. A. Baylay and Major H. B. Abbott, respectively, made over and received charge of the Office of Political Superintendent, Jhallawar, on the forenoon of the 10th July 1882.

By Order,

E. A. FRASER,

1st Asst. Agent to the Govr. Genl.

IN THE COURT OF THE JUDICIAL COMMISSIONER OF COORG.

Civil Side.

Rule of Practice No. 4, dated Bangalore, the 10th July 1882.

Under Section 652 of the Code of Civil Procedure (Act XIII of 1882), the following rules have been made by the Judicial Commissioner to regulate the procedure of the Subordinate Courts exercising jurisdiction under Chapter 20 (of Insolvent Judgment-debtors) of the Code:—

1. When the property of a person declared insolvent is, in amount, too small to enable the Court to appoint a paid Receiver, the Court may appoint its Sheristadar, or Head Clerk, Receiver.
2. When property, alleged to be the property of the insolvent, is in the hands of third parties, who refuse to surrender it, the Receiver may, with the sanction of the Court, institute a suit for its recovery and he may decline to sue, unless one or more of the creditors consent to give a sufficient guarantee for the cost of the suit. The Court may, from time to time, direct that the property, which may have come to the hands of the Receiver, be sold by private contract or tender or public auction, or partly by one method, and partly by another, and subject to such conditions as the Court may think fit to declare. Provided that, when an order is made for the sale of immovable property by auction, the sale shall be proclaimed and conducted and confirmed in the manner prescribed by the Code of Civil Procedure, for the time being, for sales of immovable property sold in execution of decree.
3. The cost of all sales made by the Receiver shall be deducted from the sale proceeds. The Court may order the costs of proclamation and advertisements of sale to be paid, in the first instance, out of the funds, if any, in the hands of the Receiver, and if there be no such funds, the Court may decline to order a sale, until funds are furnished by the decree-holder, or some other creditor.
4. The provisions of the 295th Section of the Code of Civil Procedure relating to the sale of properties under mortgage, shall apply to sales made by the Receiver under the order of the Court. Provided that the Receiver may, with the sanction of the Court, discharge any mortgagee, of which the period of redemption has arrived, and in any case, with the consent of the mortgagee, by payment out of the assets in his hands (if any) and may sell the property free from the incumbrance.

By Order of the Court,

S. HAMAJEE ROW,

Registrar.

CHIEF COMMISSIONER OF AJMIR-MERWARA.

NOTIFICATIONS.

Mount Abu, the 20th July 1882.

No. 496.—Mr. L. S. Saunders, C.S., Commissioner, Ajmir-Merwara, is granted privilege leave for two months and twenty-nine days, with effect from 31st July 1882, or such subsequent date as he may avail himself of it.

No. 500.—Whereas land is required in the Ajmir District for a public purpose, *viz.*, for an extension of Ajmir Cantonments, this declaration is made in accordance with the provisions of Section 6 of Act X of 1870.

District.	Pargana.	Village.	AMOUNT REQUIRED.			Purpose for which required.	REMARKS.
			For occupation.		Total.		
			Permanent.	Temporary.			
			A. R. P.	A. R. P.	A. R. P.		
Ajmir .	Ajmir .	Ajmir	A 56 2 13	...	56 2 13	For extension of Ajmir Cantonment.	The plans may be seen at the Office of Assistant Commissioner, Ajmir.
			B 10 2 11	...	10 2 11		
			C 8 0 0	...	8 0 0		
			D 11 1 17	...	11 1 17		
			G Road ...	...	...		
			H 60 0 9½ without buying the mango trees in this plot.	...	60 0 9½		
			I 4 1 0	...	4 1 0		

The 21st July 1882.

No. 505.—The privilege leave for thirty days granted to Surgeon-Major J. H. Newman, Civil Surgeon, Ajmir, in Notification No. 333, dated 19th May 1882, is extended by five days, under Section 5 of the Civil Leave Code, in consequence of his having been recalled to duty for a week before the expiry of his leave.

By Order,

A. P. THORNTON,

for *1st Asst. to the Chief Commr.*

The 24th July 1882.

In the Court of the Commissioner and District Judge, Ajmir-Merwara.

Insolvency of Rahím Bákhsh, son of Lal Mahomed, Blacksmith of Ajmir.

Notice is hereby given that Rahím Bákhsh, son of Lal Mahomed, Blacksmith of Ajmir, has been declared insolvent, and discharged by this Court under the provision of Section 351, Act XIV of 1882.

Given under my hand and the seal of the Court, this 22nd day of July 1882.

L. S. SAUNDERS,

Commissioner and District Judge, Ajmir-Merwara.

Statement of the Affairs of the Bank of Bengal for the week ending 25th July 1882.

LIABILITIES.	Rs.	A.	P.
Capital paid-up	2,00,00,000	0	0
Reserve Fund	33,11,886	4	4
Public Deposits at Head Office (Rs. 85,90,533 8 8)	2,91,81,426	10	10
Public Deposits at Branches (Rs. 2,05,90,893 2 2)			
Other Deposits at Head Office and Branches	2,57,29,501	1	7
Bank Post Bills, &c.	4,18,397	6	8
Sundries	9,58,076	4	10
RUPEES	7,95,99,287	12	3

ASSETS.	Rs	A.	P.
Government Securities	86,60,457	10	0
Other authorized Investments	45,69,915	0	0
Loans on Government and other authorized Securities	63,88,111	8	2
Accounts of Credit on Government and other authorized Securities	33,16,586	6	6
Bills discounted and purchased	2,57,99,640	13	6
Balances with other Banks	2,09,330	0	2
Bullion	4,89,230	12	6
Dead Stock	11,89,315	1	1
Stamps	7,301	1	0
Sundries	6,76,638	13	1
	5,13,06,527	2	0
Cash and Currency Notes at Head Office (Rs. 81,54,759 3 4)	2,82,92,760	10	3
Cash and Currency Notes at Branches (Rs. 2,01,38,001 6 11)			
RUPEES	7,95,99,287	12	3

By order of the Directors.

BANK OF BENGAL.
Calcutta, 27th July 1882.

J. GORDON,
Chief Acctt. & Depy. Secretary.

W. D. CRUICKSHANK,
Offg. Secy. & Treasurer.

Weekly Statement of Silver tendered, of Certificates issued, and Silver Balance in the Mint.

DATE.	SILVER TENDERED, ESTIMATED VALUE.	CERTIFICATES ISSUED ON		BALANCE OF BULLION		
		General Treasury.	Currency Department.	Under Assay.	Assayed.	Held on account of the Currency Department.
1882.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
July 17	...	1,19,003	...	...	56,18,416	23,46,831
„ 18	...	1,19,953	...	...	55,23,522	22,29,450
„ 19	...	1,19,942	...	...	53,29,132	21,12,084
„ 20	2,125	1,20,282	...	2,125	52,33,703	19,94,388
„ 21	...	1,27,844	...	2,125	51,40,893	18,71,046
„ 22	...	63,804	...	2,125	50,43,435	18,08,430

CALCUTTA MINT,
The 24th July 1882.

J. F. TENNANT, *Col., R.E.,*
Mint Master.

CURRENCY NOTES.

The following Currency Notes of the Government of India are stated to have been lost, and payment of their value has been claimed by the persons whose names are placed against the numbers. Any other person having these Notes in his possession, or claiming a right to them, is warned to communicate at once with the undersigned :—

Calcutta Circle.

NOTES WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Notes.	Value. Rs.	Name of Claimant.
94	P 10—56744	100	Messrs. Octavius Steel & Co.
95	O 65—59596	50	M. D. J. Burkuttaly.

CALCUTTA,
The 28th July 1882.

J. TAYLOR,
Asst. Comptlr. Genl., Paper Currency.

STATEMENT of Government Promissory Notes enfaced for payment of Interest in London, under deduction of amount re-transferred to India, and outstanding in the Books of the Bank of Bengal on the 15th July 1882.

PARTICULARS.	3½ per cent. Transfer Loan of 1853-54.	4 per cent. Loans									4½ per cent. Loans				Transfer Loan of 1879, seven shillings per cent. Portion.	5 per cent. Debenture Loan of 1867-68.	5 per cent. Loan of 1856-57.	GRAND TOTAL.
		Of 1824-25.	Of 1832-33.	Of 1835-36.	Of 1842-43.	Of 1854-55.	Transfer of 1865.	Reduced 4 per cent. Loan of 1879.	Reduced 4 per cent. Loan of 1881.	Total.	Of 1870.	Of 1878.	Transfer Loan of 1879, 4½ per cent. Portion.	Total.				
Balance of 30th June 1882	54,100	...	13,15,520	31,36,300	2,28,92,900	1,04,82,600	2,82,65,537	2,86,69,400	6,000	9,47,68,157	47,94,900	1,07,54,400	10,02,24,400	11,57,73,700	1,11,500	1,42,000	60,200	21,09,09,657
Add—																		
Amount enfaced at Madras between 1st and 15th July 1882	...	...	...	500	5,200	800	2,000	3,000	...	11,500	...	...	21,100	21,100	...	...	...	32,600
Amount enfaced at Bombay between 1st and 15th July 1882	...	...	...	...	500	...	2,60,000	...	...	2,60,500	...	...	...	...	15,000	...	...	2,75,500
Amount enfaced at Calcutta between 1st and 15th July 1882	...	...	...	...	78,500	6,500	1,43,000	1,04,100	...	3,32,100	3,000	1,000	18,000	22,000	...	...	...	3,54,100
	54,100	...	13,15,520	31,36,800	2,29,77,000	1,04,89,900	2,86,70,537	2,87,76,500	6,000	9,53,72,257	47,97,900	1,07,55,400	10,02,63,500	11,58,16,800	1,26,500	1,42,000	60,200	21,15,71,857
Deduct—																		
Amount written off in the London Registers	...	...	...	...	31,600	7,400	2,40,500	1,25,700	...	4,05,200	12,000	36,000	18,500	66,500	...	34,000	...	5,05,700
Balance on 15th July 1882	54,100	...	13,15,520	31,36,800	2,29,45,400	1,04,82,500	2,84,30,037	2,86,50,800	6,000	9,49,67,057	47,85,900	1,07,19,400	10,02,45,000	11,57,50,300	1,26,500	1,08,000	60,200	21,10,66,157

NOTE.—From 9th June 1867 to 15th May 1882, enfaced from India 4,577 lakhs; re-transferred from London, 3,799 lakhs.

„	16th May 1882	to 31st	„	„	„	11	„	10 „
„	1st June	„ to 15th June	„	„	„	31	„	44 „
„	16th	„ „ to 30th	„	„	„	9	„	18 „
„	1st July	„ to 15th July	„	„	„	6	„	5 „
						4,634 lakhs.		3,876 lakhs.
						3,876 „		
		Balance against India				758 lakhs.		

PUBLIC DEBT OFFICE,
BANK OF BENGAL;
Calcutta, the 18th July 1882.

W. D. CRUICKSHANK,
Offg. Secretary and Treasurer.

NEEMUCH CEMETERY.

Repairs of Monuments.

Notice is hereby given that those monuments in the Government Cemetery at Neemuch, Central India, of which a list is published herewith, are in need of repairs. Those of Sergeant Henry Seal and Trumpeter J. Britton are in a ruinous condition, and will be made level with the ground unless, within three months from the publication of this Notice, some person will undertake the cost of their repairs.

DESCRIPTION.	Corps.	Date.
Daughter of Captain Greenwood	33rd Regiment.	1866
Lieutenant-Colonel Robinson	Political Agent, Meywar	1850
Wife of Major Walter	3rd European Cavalry	1850
Charles Permien.	Apothecary	1846
Quarter-Master Sergeant Best	39th Begiment, Native Infantry	1836
Augustus F. Roderick	.....	1836
Wife of Sergeant Lowe	Bombay Artillery	1862
Wife and Son of Captain Beamish	Royal Artillery	1843
Wife of Captain Stewart	61st Regiment, Native Infantry	1833
Wife of Lieutenant Hutton	37th Regiment, Native Infantry	1834
Colonel James Robertson	46th Regiment, Native Infantry	1834
Ensign Edwards	28th Regiment, Native Infantry	1835
Colonel Stiles	Commandant	1862
Son of Colonel Carmichael	94th Regiment.	1864
Wife of Woolmore Mitchell	.....	1836
Lieutenant Bishop	62nd Regiment, Native Infantry	1841
Daughter of Captain Hunter	2nd Bombay Light Cavalry	1860
Son of Lieutenant Duffin	7th Bengal Light Cavalry	1823
Daughter of Captain Duffin	Ditto	1823
Daughter of Lieutenant-Colonel Duffin	Ditto	1834
Son of Assistant Surgeon Downes	.....	1834
Son of Quarter-Master Sergeant Morris	2nd Bombay Light Cavalry	1834
Daughter of John Pocock	46th Regiment, Native Infantry	1835
Wife, Son and Daughter of Major Gill	37th Regiment, Native Infantry	1835
Son of Sergeant-Major Grassby	.....	1840
Surgeon-Major Deas	2nd Bombay Light Cavalry	1862
Wife of Colonel Carmichael	94th Regiment.	1864
Sergeant-Major Perkins	45th Bengal Native Infantry	1833
Wife of Sergeant Herdon	.....	1834
Son of Riding-Master Bolton	2nd Bombay Light Cavalry	1835
Son of Lieutenant Nicholetts	.....	1835
Son of Lieutenant Nicholetts	.....	1837
Son of Major Wilkinson	.....	1835
Son and Daughter of Captain Rickards	.....	'47-48
Daughter of Major Sandeman	33rd Regiment, Native Infantry	1847
Captain Mackintosh	52nd Regiment, Native Infantry	1854
Brigade Colonel Stacy, C.B.	Aide-de-Camp to the Queen	1848
Daughter of Captain Anderson	59th Bengal Native Infantry	1843
Mrs. Henrietta Keir	.....	1844
Wife of Quarter-Master Sergeant Mellor	1st Bengal Light Cavalry	1857
Drum Major Swartz	23rd Regiment, Native Infantry	1835
Wife of Drum-Major Pye	Ditto	1837
Assistant Surgeon Russell	4-1st Royal Horse Artillery	1837
Mary Scott	.....	1839
Daughter of Doctor Fogarty	.....	1845
Private Pym	95th Regiment.	1860
Private J. Williams	Ditto	1860
Daughter of Lieutenant Lowry	25th Bombay Native Infantry	1853
Son of Captain Sealy	.....	1850
Daughter of Lieutenant Bacon	.....	1851
Daughter of Drum Major Evans	51st Regiment, Native Infantry	1832
Wife of Captain Jeremie	5th Regiment, Native Infantry.	1824
Son of Captain Chambers	9th Bengal Light Cavalry	1830
Son of Major Gowan	Bengal Artillery	1834
Wife of George Pasley	(Barrister)	1832
Son of Quarter-Master Sergeant Mahon	51st Regiment, Native Infantry	1834
Wife of Sergeant-Major Cooper	30th Regiment, Native Infantry	1845
Private C. Donovan	95th Regiment.	1860
Son of J. Williams	.....	1860
Augustus Derevero	.....	1848

Repairs of Monuments—continued.

DESCRIPTION.	Corps.	Date.
E. Williams	.....	1852
Ensign Osborne, R.A.	Ordnance Department	1868
Daughter of Captain Moray	28th Regiment, Native Infantry	1868
Daughter of Major Forbes Robertson	Ditto	1867
Roderick Peregrine Ochterlony	.....	1822
Lieutenant-Colonel Thomas	10th Bengal Native Infantry	1826
Daughter of Lieutenant Curtis	.....	1835
Wife and Daughter of Captain Doveton	.....	1835
S. Francis Birch	.....	1830
Anne Tilbury	.....	1831
Bazar Sergeant Miller	.....	1832
Captain Clifford	39th Begiment, Native Infantry	1837
Wife of Staff Sergeant Sullivan	2nd Brigade, R. H. A.	1844
Farrier Sergeant Davis	4-1st Brigade, R. H. A.	1841
Wife of H. Williams	.....	1843
Wife of J. Williams	.....	1846
R. H. O. S. Smith	.....	1844
Wife of Major Mercer	70th Regiment, Native Infantry	1846
C. Mary Hogan	.....	1860
Daughter of Lieutenant-Colonel Kennedy	5th Regiment, Light Cavalry	1827
Surgeon Smith	42nd Regiment, Native Infantry	1830
Son and Daughter of Lieutenant Hawtrey	4th Bengal Light Cavalry	1821
Two Sons of Captain Hawtrey	Ditto	1821
Daughter of B. S. Desa	Commissariat Department	1860
Wife of B. S. Desa	Ditto	1859
Son of Lieutenant Landon Jones	2-2nd Native Infantry	1820
Wife and Sons of Sergeant-Major Groves	1-1st Native Infantry	1819
Daughter of Lieutenant Lewes	.....	1823
Daughter of Lieutenant Lewes	.....	1827
Daughter of Lieutenant Campbell	45th Regiment, Native Infantry	1830
Wife and Daughter of Lieutenant Jervis	42nd Regiment, Native Infantry	1830
Wife and Son of Lieutenant Burns	.....	1821
Farrier Major Ranger	1st Lancers	1852
Assistant Surgeon Dunlop	Bengal Medical Establishment	1829
Wife of Drill Sergeant Tighe	21st Brigade, Royal Artillery	1863
Wife of Hospital Assistant Desantos	.....	1854
Trumpeter J. Britton	.....	1854
Wife of Private J. Sullivan	95th Regiment	1860
Wife and Children of Sergeant Supple	Bengal Artillery	1857
Son of Sergeant Core	Kotah Contingent	1857
Wife of Color-Sergeant Beckett	33rd Regiment	1866
Private Cornelius Mucahy	95th Regiment	1859
Drummer J. Harris	63rd Regiment, Native Infantry	1847
Son of Captain Scott	1st Regiment, Light Cavalry	1838
Amy Campbell	.....	1838
Son of Assistant Apothecary deSilva	.....	1855
Daughter of Line Sergeant Ryan	.....	1855
Son and Daughter of Barrack Master Tofft	Department Public Works	1859
Son of Quarter-Master Sergeant Lambert	95th Regiment	1859
Daughter of Color Sergeant Reid	Ditto	1859
Charles Henry Steers	.....	1859
Sergeant John Connell	95th Regiment	1859
Wife of Private Dempsey	Ditto	1858
Son of J. Chowdrie	Ditto	1860
Corporal Joseph Geary	Ditto	1860
Wife of Sergeant H. Seal	Ditto	1859
Sergeant H Seal	Ditto	1860
Wife of Assistant Surgeon Scott	8th Hussars	1860
Wife of Lieutenant Waterfall	95th Regiment	1859
Wife of Sergeant Merriman	Ditto	1860
Son of Sergeant Casey	.....	1863
Wife of Private Harris	33rd Regiment	1866
Son of G. B. Crispin	.....	1869
Son of John Boyle	Ordnance Department	1867
Son and Daughter of John Boyle	Ditto	'63-65
Assistant Apothecary Santos	D-18th Royal Artillery	1873

Repairs of Monuments—continued.

DESCRIPTION.	Corps.	Date.
Daughter of Sergeant Sharman	D-18th, Royal Artillery	1873
Daughter of Sergeant Sharman	Ditto	1867
Daughter of Assistant Apothecary Guest	Bombay Sub-Medl. Department	1870
Bugler d'Souza	28th Regiment, Native Infantry	1869
Trumpeter T. Lawrence	2nd Bombay Light Cavalry	1869
Daughter of Duffedar d'Souza	3rd Bombay Light Cavalry	1872
Son of Duffedar d'Souza	Ditto	1873
Son of M. Dowling	Department Public Works.	18—
Son of Sergeant Callanan	D-18th, Royal Artillery	1862
Three Children of Sergeant Shephard	Ditto	'62-65
Son of Private Fitzgerald	103rd Bombay Fusiliers	1864
Sergeant Boyd	D-18th, Royal Artillery	1865
Wife and Son of Sergeant Johnston	96th Regiment	1868
Son of Sergeant Francis	Ditto	1868
Wife of Gunner Brand	E-4th, Royal Artillery	1876
Mother of J. and F. Quaill	2nd Light Cavalry	1862
Wife of Subedar Cousins	Ditto	1862
Wife of Sergeant Tilbury	45th Regiment.	1865
Daughter of C. Greaney	4-21st, Royal Artillery	1862
S. M. Trewen	.....	1874
Reverend Father Innocent.	Ecclesiastical Department.	1875
Wife of Patrick Byrne	108th Regiment	1875
Son of Private Salter.	E-40th, Royal Artillery	1876
Son of Mr. d'Souza	Commissariat Department.	1861
Son of Farrier Major Marks	2nd Bombay Light Cavalry	1862
Daughter of Farrier Major Marks	Ditto	1862
Elizabeth Hannon	.....	1862
Wife of Patrick Walsh	Bombay Ordnance Department.	1874
Son of T. Chambers	103rd Bombay Fusiliers	1864
Son of A. Wood	33rd Regiment.	1866
Son and Daughter of Sergeant-Major Whitty	.....	...
Quarter-Master Sergeant Barratt	D-18th, Royal Artillery	1874
Daughter of Quarter-Master Sergeant Barratt	Ditto	1872
Daughter of Quarter-Master Sergeant Barratt	Ditto	1873
Son of Bazar Sergeant Heywood	.....	1873
Son of Private Perrin	F-18th, Royal Artillery	1867
Daughter of H. Rainbow	Ordnance Department	1872
Daughter of Private Nicholson	108th Regiment	1874
Overseer G. Lee	Department Public Works.	1869
Sergeant J. McIntyre	F-18th, Royal Artillery	1866
Daughter of Color Sergeant Turner	95th Regiment.	1860
A. D. Rodd	2nd Light Cavalry	1860
Daughter of Sergeant Brown	Royal Artillery.	1861
W. Elliott.	14th Dragoons.	1861
Three Children of H. Beadon Jackson.	Department Public Works.	'65-67
Wife of Gunner Pritchard	D-18th, Royal Artillery	1864
Wife of Private Hill	45th Regiment.	1864
Wife of Sub-Conductor Adams	Bombay Commissariat Dept.	1869
Quarter-Master Sergeant Simpson	D-18th, Royal Artillery	1863
Son of J. Armstrong.	33rd Regiment.	1866
Wife of Gunner Gregory	F-18th, Royal Artillery	1869
Son and Daughter of C. Dunning	Ditto	1869
Son of Surgeon Odell.	96th Regiment.	1867
Daughter of Joseph Oddy	F-18th, Royal Artillery	1868
Daughter of Gunner Morrison	D-18th, Royal Artillery	1871
Daughter of T. Crampton	59th Regiment	1872
Trumpet Major d'Souza	3rd Bombay Light Cavalry	1875
Private McGwigen	95th Regiment.	1860
Private J. Bourke	Ditto	1860
Private J. Hearty	Ditto	1860
Barrack Master George	Department Public Works.	1866
Daughter of Barrack Master George	Ditto	1864
Three Children of Sergeant-Major Lucroft	103rd Bombay Fusiliers	'59-64
Corporal J. Wigley	6-13th, Royal Artillery	1861
Wife of Barrack Sergeant Wright	Department Public Works.	1861
Wife of James O'Neil	Bombay Medical Establishment.	1861

Repairs of Monuments—concluded.

DESCRIPTION.	Corps.	Date.
Wife of Sergeant Maggridge	F-18th, Royal Artillery	1869
Daughter of Private Curren	106th Regiment	1862
Daughter of Captain Wintle	71st Regiment, Native Infantry	1839
Leslie Copland	Civil Service	1861
Two Sons of Sergeant-Major Smart	61st Regiment, Native Infantry	'33-34
M. A. Ewart	.....	1839
Daughter of Sergeant Barren	.....	1861
W. ——ssell	.....	1852
Private J. Hogan	103rd Bombay Fusiliers	1864
Daughter of J. Dempsey	.....	1867
Daughter of Sub-Conductor Walsh	Commissariat Department.	1867
Sergeant Holland	Ordnance Department	1865
Private J. Barry	68th Regiment.	1878

G. H. LEWIS,
Chaplain of Neemuch.

NEEMUCH,
The 30th June 1882.

COMMISSARIAT NOTICE.

The following five Government elephants are now for sale at Agra and Bareilly.

2. Offers are invited, both for purchase of these animals, and also for exchange of good female elephants suitable for Government purposes in place of these, and any reasonable offers will be accepted by the Commissary General.

3. Applications to inspect the elephants and offers for purchase or exchange may be made to the Assistant Commissaries General, Agra and Bareilly, respectively :—

Description of Elephants.

Where for sale.	Register No.	Name.	Sex.	Height.	Probable age.	Tusks.	Eyes.	Number of Nails.	Tail.	Back.	Temper	Condition.	REMARKS.
				ft. in.									
At Agra.	698	Saika ...	Male	8 4½	45	Perfect ...	Blind off-side.	18	No hair ...	Hollow in centre from wound in youth.	Good	Good	Fit for sowari purposes never been mueth head and tusks fine carriage good.
	1347	Louis Napoleon.	Do. ...	9 7	39	One on off-side.	Perfect ...	18	Short of hair.	Good ...	Vicious.	Do. ...	A fine elephant, unsafe for Government purposes, but Rajahs, &c., might buy him for fighting purposes.
	1670	Watson ...	Do. ...	8 9	37	One on off-side split slightly.	Do. ...	18	Do. ...	Do. ...	Uncertain.	Do. ...	A very fine animal, fit for anything, but troublesome at times.
	459	Nazirguj ...	Do. ...	8 11	47	Two, off one broken.	Do. ...	18	No hair ...	Do.	Do.	Do. ...	Unsafe for Government work; a very fine elephant indeed, suitable for fighting purposes.
At Bareilly.	1788	Hastings ...	Do. ...	9 4	59	One broken.	Good ...	18	Good ...	Centre ridge of bone rather high.	Good	Low...	Fit for howdah and shooting purposes.

W. G. SMITH, *Major,*
Officiating Deputy Commissary General.

DEPY. COMMSY. GENL.'S OFFICE,
CENTRAL CIRCLE, LUCKNOW,
The 20th June 1882.

POST OFFICE.

NOTIFICATIONS.

Simla, the 20th July 1882.

No. 4228.—Appointments in the Post Office Department made by the Director General of the Post Office of India :—

POSTAL CIRCLE, BOMBAY.

Mr. H. P. Todd is appointed to officiate as a 1st Class Mail Officer.

Mr. H. J. Hewett is appointed to officiate as a 2nd Class Mail Officer.

Mr. E. Jardine is appointed to officiate as a 3rd Class Mail Officer.

The 24th July 1882.

No. 4363.—Appointments in the Post Office Department made by the Director General of the Post Office of India :—

POSTAL CIRCLE, BRITISH BURMA.

Mr. G. B. Groves is appointed to officiate as Deputy Postmaster General, British Burma, but will continue to be in charge of the Eastern Bengal Circle.

Rai Sundur Lal Bahadur is appointed to officiate as a Superintendent of the 1st Grade and to be in charge of the British Burma Circle during the absence of Mr. Williams on privilege leave or till further orders.

No. 4379.—Mr. M. Percy, Presidency Postmaster, Madras, is granted furlough on medical certificate under Section 51, Civil Leave Code, from the 16th June to the 9th August 1882, both days inclusive.

E. R. DOUGLAS,

Depy. Dir. Genl. of the Post Office of India.

Unclaimed Letters held in the Calcutta General Post Office on 23rd July 1882.

Fletcher, Mrs.	Macpherson, W. Gordon.	Stacey, Harry.
Hankow, Mrs. C. R.	Mellich Meiravel.	Walker, A.
Howard, R.	Richards, A.	Wight, E. R.

Letters marked "Care of Post Office."

Antonio, D.	Hartley, S. R.	Palmer, Mrs. E.
A. Z.	Harvey, Sir Charles.	Pereira, E. S. B.
Bailey, J. R.	Herbert, Mrs. R.	Procter, W.
Ranchor, H. B.	Howard, Percy.	Radcliffe, J.
Bercavets, Abraham.	James, E.	Rex, Miss.
Blessley, C.	Kanai Lall Seal.	Rhodes, D.
Bookman, C.	Kegel, F. G. M.	Richards and Howley, Messrs.
Bose, K. B.	Kennedy, R. H.	Roberts, E.
C. B. & Co.	Kennet, C. A.	Rock, Mr.
Cahill, G.	Lissant, S. H.	Smith, Miss Clementi.
Concannon, J.	Mackenzie, H. W. K.	Span, J. M.
Cooper, Frank	"Marah."	Stevens, Mrs. R. G. H.V.
Creswell, G. W.	Massy, J.	Stobie, Lt. J. C.
Croghen, W. J.	McClillan.	Strachan, E.
Crow, Mrs. Eliza.	McIntyre, J.	Strongs, W. S.
David, P.	McKnight, James.	Thomas, W. H.
Dino Nath Mullick.	McReynolds, John.	Tipper, Alex. Earnest Gore.
Dodds, F. L.	Mill, Wm. F.	Traiche, Miss E.
Driscoll, D. O.	Morrison, D. J.	Warnier, M.
G. L.	"May."	Wright, Mrs. H.
Garanger, George.	Munro, W.	W. S. G.
Giris Chunder Turufdar.	Murphy, Patrick.	
Green, R. H.	Orinstein, Signori Scapria.	
Hankivez, C.		

Registered Letters.

Bunn, J.	Dias, Dr. P. C.	Howard, E.
Burrowes, Ed Louis.	"E. D."	Smith, W. R.
Cunningham, Miss.	Gleeson, Y. M. T.	"Queenie."

Calcutta, the 28th July 1882.

It is hereby notified for general information that the following mail despatches to Ceylon will be made from the Calcutta General Post Office during August 1882 :—

DATE OF CLOSING.	ROUTE.
4th August 1882* ...	By B. I. S. N. Co.'s private vessel.
8th August 1882 ...	By P. & O. Steamer from Bombay.
10th August 1882 ...	By P. & O. Steamer from Calcutta.
14th August 1882 ...	By French Steamer.
18th August 1882* ...	By B. I. S. N. Co.'s private vessel.
19th August 1882* ...	By Ducal Line private vessel.
21st August 1882* ...	By Star Line private vessel.
22nd August 1882 ...	By P. & O. Steamer from Bombay.
24th August 1882 ...	By P. & O. Steamer from Calcutta.

* These dates are subject to alteration in the event of departure of the vessels being delayed.

N.B.—The letter-box will close at 7 P.M. precisely; after which hour letters, fully prepaid and bearing an extra postage stamp of four (4) annas on each cover, will be received up to 7-30 P.M.

The rate of postage on letters conveyed by private vessels is two (2) annas per ½ oz. (prepayment compulsory).

The postage on letters conveyed by the P. & O. and French steamers is three (3) annas per ½ oz. (prepayment optional).

SEA AND FOREIGN MAILS.

Foreign Mails for	Date.	Per Steamer
	1882.	
Persian Gulf	4th Aug.	From Bombay.
Madras, Ceylon and Intermediate Ports .	3rd "	Str. *Hespada.*
Colombo, Penang, Singapore, Hong-Kong, Shanghai, Yokohama and Australian Colonies	8th "	From Bombay.
Foreign Mails *vid* Bombay	5th "	From Bombay.*
Do. Book Post and Pattern Packets .	4th "	From Bombay.
Rangoon, Moulmein, and Straits . . .	2nd "	Str. *Chinsurah.*
Chittagong, Akyab, Kyouk Phyoo, and Rangoon	3rd "	Str. *Madras.*
Port Blair and Camorta	3rd "	Str. *Maharani.*

* Also for Cape Town and Natal *vid* England can be forwarded.

N.B.—The letter-box will close at 7 P.M. precisely; after which hour foreign letters, fully prepaid and bearing an extra postage stamp of four (4) annas on each cover, will be received up to 7-30 P.M.

E. HUTTON,

Presidency Post Master.

WANTED

For the Narsingpur District, Central Provinces, for about twenty months, from 1st October 1882, two Surveyors on a salary of Rs. 30 each per mensem.

Applications with copies of testimonials to be addressed to G. J. Nicholls, Esq., Deputy Commissioner, Narsingpur.

L. A. MAHOMED,

Extra Assistant Commissioner,
for *Deputy Commissioner.*

NOTICE.

Waste Lands available for Planters in the Tavoy District.

Waste lands, covered at present with forest, bamboos or grass, are available for plantations of coffee, tea, cinchona, or spices at altitudes varying from 100 feet to 6,800 feet above the sea in the Tavoy district. This region is between the 13th and 14th parallels of north latitude, and the rainfall ranges from 190 to 220 inches a year. The lands are mostly within 30 to 50 miles of the steamer station of Thayetchoung on the Tavoy river. Mail steamers ply between Thayetchoung and Moulmein or Rangoon once a week inwards and outwards.

II.—Grants of land in lots ranging from 100 to 1,200 acres can be had for planting tea, coffee, cinchona, or spices on application to the Deputy Commissioner of Tavoy. Such grants will be made in accordance with the "Burma Land and Revenue Act, 1876," and with the rules sanctioned thereunder by the Governor General of India in Council. Copies of the Act and rules can be obtained by intending planters on application to the Deputy Commissioner of Tavoy, the Commissioner of Tenasserim at Moulmein, or the Secretariat, Rangoon.

III.—In addition to the concessions and conditions laid down in the Act and rules, the following special concessions will be made to persons taking up land for plantations of coffee, tea, cinchona, or spices in Tavoy, namely,—

(1) A grantee must bring under cultivation one-third of his grant within 12 years from the date of his obtaining the grant. If, after the expiration of 12 years, any surplus uncultivated land, in excess of two acres of waste for each acre of cultivated land, shall remain on the grant, such surplus waste shall then revert to Government; and the grantee shall have no further claim or right in the surplus which has so reverted.

(2) A grantee will not be liable to pay any land revenue or any price for the land of his grant until the end of the tenth year after he enters on possession, provided that he takes *bonâ fide* steps to cultivate a reasonable proportion of the grant with coffee, tea, cinchona, or spices. In the event of any grantee desiring a more precise definition of a "reasonable proportion," the Chief Commissioner may decide beforehand in each case what proportion of the grant ought to be thus cultivated in each year.

(3) After the end of the tenth year the grantee will be liable to pay land revenue at the rate of Rs. 1-4-0 per acre and cesses at the rate of two annas per acre on one-third of his grant up to the year 1900 A. D.; after the expiration of such year he will be liable to pay for one-third of his grant the same revenue rate as is paid for garden lands in the nearest revenue circle where a garden rate obtains.

(4) A grantee will not be called upon to pay anything for timber, bamboos, or grass which he may cut upon his grant, provided he takes *bonâ fide* steps as aforesaid to cultivate coffee, tea, cinchona, or spices.

IV.—The only payment which a grantee will have to make on receiving his grant will be eight annas an acre for the cost of survey and demarcation. In consideration of such payment the Deputy Commissioner will cause a survey to be made of the grant, will furnish the grantee with a copy of such survey, and will cause boundary marks to be erected at suitable points in the outer boundary of the grant.

V.—The wishes of applicants will be met as far as possible in regard to the situation and shape of their grants. But ordinarily—

(*a*) no grant will be given where the Forest Department intend to make a forest reserve;

(*b*) no grant will be given on such a place as will unduly circumscribe the extension of cultivation of the grazing grounds of any neighbouring village or hamlet;

(*c*) grants facing a road or navigable stream will have to be of a depth double the length facing such road or navigable stream;

(*d*) small strips will be reserved leading to landing places for the benefit of neighbouring villages and grantees.

VI.—The Government is now spending much larger sums than heretofore on roads in the Tavoy district. If planters settle in the district, further funds will be allotted for roads from their neighbourhood to the steamer station at either Tavoy or Thayetchoung.

VII.—In order to encourage pioneers in the coffee and cinchona enterprise in Tavoy, the Government will pay to the first four grantees who begin *bonâ fide* planting operations Rs. 15 per head for every Indian or Chinese coolie, male or female, over 16 years of age, who may be settled and housed on their plantations before the 1st March 1885.

VIII.—In any case of doubt regarding the *bonâ fide* character of operations for the purposes of concessions III and VII, the Deputy Commissioner will decide, and his decision will be subject to appeal to the Commissioner of Tenasserim, whose decision will be final.

IX.—All minerals and metals under and within the lands granted under these rules are reserved by Government, together with a right to enter upon and resume such portion of land as may be necessary for examining or working mines upon payment of just compensation to the grantee for loss of, or injury done to, the surface.

G. D. BURGESS,
Secy. to the Chief Commr., British Burma.

The 6th April 1882.

GOVERNMENT CINCHONA FEBRIFUGE.

This preparation is an efficient substitute for Quinine and can be purchased by Government officers for public and charitable purposes, and by any one taking *twenty pounds* at a time, from the Superintendent, Botanical Garden, Calcutta, *for cash only*, at the following rates:—per four ounce tin, *Rs. 4-8*; per eight ounce tin, *Rs. 8-8*; per pound tin, *Rs. 16-8*. The general public can be supplied by the Superintendent, Botanical Garden, *for cash only*, at the under-noted rates:—per four ounce tin *Rs. 5-8*; per eight ounce tin *Rs. 10-8*; per pound tin, *Rs. 20*. This medicine is also sold by the principal European and Native druggists in Calcutta. Postage 8 annas per four and eight ounce tins, and 12 annas per pound tin, in addition to the foregoing rates.

گورنمنٹ سنکونا فبري فيوج

يهه دوا كوئينائين كا خوب قائم مقام هى اور كلكته ے
بوٹانكل گارڈن يعنے كمپني باغ ے سپرنٹنڈنٹ صاحب سے هرايك
ملازم سركاري واسطے سركاري كام اور خيرات ے اور سيواے
اوركے جو كوئي ايك مشت بيس پونڈ خريد ليے سے بقيمت
نقد حسب نرخ ذيل خريد كرسكتے هين يعنے نرخ چار اونس
ے ٹين كا چار روپيه آٹهه آنه ; آٹهه اونس ے ٹين كا آٹهه روپيه
آٹهه آنه ; ايك پونڈ ے ٹين كا سوله روپيه آٹهه آنه

اور عوام الناس بوٹانکل گارڈن یعنے کمپنی باغ کے
سپرنٹنڈنٹ صاحب سے بقیمت نقد حسب نرخ ذیل خرید
کرسکتے ہیں یعنے نرخ چار اونس ٹین کا پانچ روپیہ آٹھ آنہ ;
آٹھ اونس کے ٹین کا دس روپیہ آٹھ آنہ ; ایک پونڈ کے ٹین
کا بیس روپیہ

یہہ دوا کلکتہ کے بڑے بڑے ولایتی اور دیسی
دواخانوںمیں بکتی ہی ماسیواے قیمت مذکورۂ بالا کے
محصول ڈاک چار اور آٹھہ اونس کے ٹین کا آٹھہ آنہ ; اور ایک
پونڈ کے ٹین کا بارہ آنہ

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The following publications of the Meteorological Office of the Government of India are on sale and can be procured at the Meteorological Office, No. 4, Middleton Row, or either at Messrs. Thacker, Spink & Co., or at Messrs. Brown & Co., at the prices noted against them :—

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HENRY F. BLANFORD,
Meteorological Reporter to Government of India.

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„ 2. Cancelled; superseded by Notice No. 8 *Annas 4.*
„ 3. Cancelled; superseded by Notice No. 18. *Annas 4.*
„ 4. Cancelled; superseded by Notice No. 23. *Annas 4.*
„ 5 Kyouk Phyou Harbour. *Annas 4.*
„ 6. Salween (Maulmain) River. *Annas 4.*
„ 7. Approaches to Point de Galle Harbour. *Annas 4.*
„ 8. Mergui Archipelago. Pages 7 to 10 of this Notice superseded by Notice No. 18. *Annas 4.*
„ 9. Indus Banks and Kurrachee. *Annas 4.*
„ 10. Pámban (Paumben) Pass. *Annas 4.*
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„ 5. (1) Fixed Light at Vizagapatam.
(2) Coral Shoal of Caltura, Ceylon.
(3) Rock off Barberyn Island.
„ 6. Foundering of the Buoy Vessel *Mata Mata*, Rangoon.
„ 7. (1) Revolving Light near Acheen Head, Malacca Strait.
(2) Auxiliary Light to above.

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„ 2. Exhibition of Hope Island Light, Coromandel Coast.
„ 3. Prohibited anchorage near the British Indian Submarine Telegraph Cable, Madras.
„ 4. (1) Pulo Brasse auxiliary Light, Malacca Strait.
(2) Island between Pulo Nias and Sumatra.
„ 5. Vessels trading to Réunion, Indian Ocean.
„ 6. Replacement of the Buoy on the western edge of Dolphin Shoal, Chittagong Coast.

No. 7. China Bakeer Light, Martaban Gulf.
(2) Intended exhibition of Light on the Oyster Reef, Akyab.
„ 8. Fixed white Light at Verawal.
„ 9. Buoyage of Kyouk Phyou, British Burma.
„ 10. Fixed white Light at Bet or Beyt (Gulf of Cutch), Kattywar.
„ 11. Fixed white Light at Porbandar, Kattywar.
„ 12. (1) Displacement of the Buoy in Narakel Roadstead, Cochin.
(2) Buoy marking the Smooth-water anchorage to the southward of Alipee (Aulapolay), Travancore.
„ 13. (1) Intended Light on Pulo Pisang, Malacca Strait.
(2) Sunken reef in Siberoet Strait, Sumatra, West Coast.
„ 14. Deposit of stone mound at the end of the breakwater Colombo, Ceylon.
„ 15. Period of exhibition of the *blue* Light during the South-west monsoon, from the Eastern Channel Light-vessel at the entrance to River Hooghly.
„ 16. Rock near west end of Pulo Brasse.
„ 17. (1) Beacon on two fathom patch off Batticalon Road, Ceylon.
(2) Suspension of Light at Vizagapatam.
„ 18. Directions for Kurrachee Harbour.
„ 19. Beacon on two fathom patch off Batticalon Road, Ceylon.
„ 20. Fixed Light at Calingapatam Point, Coromandel Coast.

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„ 5. Extension of the Hajamri Mouth of the River Indus.
„ 6. Red Lights at Port Victoria, Mahé, Seychelles.
„ 7. Light at Port Berbereh, Gulf of Aden.
„ 8. Rock off Hingie Island, Bassein River.
„ 9. Rock off Pegu Coast.
„ 10. Coral Patch near Sultan Shoal, Singapore Strait.
„ 11. "Intermediate" Light-ship, entrance to River Hooghly.
„ 12. Position of Cochin Light-house.
„ 13. Position of Raleigh Rock, and additional beacons, Bombay.
„ 14. Buoy, marking Gindurah Rock, Galle.
„ 15. Alteration in Manora Point Light, Kurrachee; and discovery of a bank near Towak Island, Red Sea.
„ 16. Dangerous rocks in Forrest Strait, Mergui Archipelago and Richelieu Rock off Kopah Inlet.
„ 17. Alteration in position of "Intermediate" Light-ship, entrance to River Hooghly.
„ 18. Destruction of the Krishna Shoal Light-house.
„ 19. Correct position of Santipilly Light-house.
„ 20. Anchorage Buoys in Madras Roadstead.
„ 21. Light-vessel near Krishna Shoal, Burma.
„ 22. Additional information, Krishna Shoal Light-vessel and Light at Pooree.
„ 23. Alteration of position of Chittagong Lights.
„ 24. Night Signals shown by British Pilot Vessels in the English Channel.

Notices to Mariners issued during the year 1878—

No. 1. Position of Middle Ground, Bombay.
„ 2. Error in position of Krishna Shoal Light-vessel.
„ 3. New Lights in Sunda Strait, &c.
„ 4. Corrected position of Krishna Shoal Light-vessel.
„ 5. Alteration of colour of Chittagong beacons, and intended alteration in Dolphin Rock Light, Bombay.
„ 6. Alteration of Malwan Light.
„ 7. Kintoan Light-vessel, Yang-tse-Kiang.
„ 8. Burgess Rock off Hingie Island, Bassein River, Burma.
„ 9. Fairway Buoy at False Point, Orissa.
„ 10. (1) Intended Light and Fog Signal on Little Basses Rocks, Ceylon.
(2) Intended alteration in Great Basses Rocks Fog Signal.
„ 11. Corrected positions of Zebayir Islands, Jebel Zukur and the Hánish Islands, Red Sea.
„ 12. Fog Signals and distinguishing marks for Light-vessels, River Hooghly.
„ 13. Exhibition of Light on Little Basses Rocks, Ceylon.
„ 14. Beacon on Chaul Kadu Rock, Bombay.
„ 15. Shoal near Tunb Island (Jazirat Tanb), Persian Gulf.
„ 16. Light at Batticaloa, Ceylon.
„ 17. Upper Gasper Light-vessel, entrance to river Hooghly.
„ 18. Red Lights on North Groyne of Harbour Works, Madras.
„ 19. Reported shoal, N. N. E. of Bahrein, Persian Gulf.
„ 20. Alteration of colour of Light at Klang Strait, Strait of Malacca.
„ 21. Additional information concerning the reported shoal, N. N. E. of Bahrein.
„ 22. Deposit of stone, eastward of Harbour Works, Madras.
No. 23. Reported Shoal, North-West of Chedaba Island.
„ 24. Exhibition of blue Lights and Maroons at Krishna Shoal Light-vessel.
„ 25. Deposit of stone, eastward of Harbour Works, Madras (additional information).
„ 26. Vessels prohibited from anchoring near the Sub-marine Telegraph Cable between Diamond Island and the mainland.
„ 27. Intended exhibition of a revolving Light at Vakalapudi, in the Godavery District.

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No. 1. Permanent moorings for Eastern Channel Light-vessel entrance to Hooghly River.
„ 2. Sunken danger in Mergui Archipelago.
„ 3. Revolving Light at Vacalapudi in the Godavery District.
„ 4. Intended alteration in False Point Light.
„ 5. Shifting of the entrances to Honore (Honawar) and Mangalore, on the Malabar Coast.
„ 6. Fixed Light at Roji (Nowa Nugga) in the Gulf of Cutch.
„ 7. Fixed Light at the entrance to Toona Creek in the Gulf of Cutch.
„ 8. Fixed Light at Goapnath Point in the Gulf of Cambay.
„ 9. Wreck-marking vessels.
„ 10. The alteration in the position and improvement of Pooree Port Light.
„ 11. Shoal coral ground in Strait of Banka.
„ 12. Delagoa Bay. Removal of Cockburn Light-vessel in bad weather.
„ 13. (1) Alteration in position of Beacons and Leading Lights—Burnett River Entrance, Australia.
(2) Fixed Light on Flat-top Islet—Pioneer River—Rocky Islets.
(3) Revolving Light on Low Isles—Trinity Bay.
(4) Leading Lights at Cook Town—Endeavour River Entrance—Cook Harbour.
„ 14. Sunken dangers between Alguada Reefs and Diamond Island—Bay of Bengal.
„ 15. Flashing white Light on Puysegur Point—New Zealand.
„ 16. Dangerous rocks, N. N. W. and S. E. of the southernmost of the Brothers Islands—Andaman Islands.
„ 17. Australia—South Coast—Gulf of St. Vincent.
(1) Prohibited anchorage near Telegraph Cable, Port Phillip.
(2) Buoys marking battery practice range at William's Town.
(3) Fixed and Flashing Light on North Reef.
„ 18. Longitude of the Time Ball, Calcutta, and of Saugor Light-house, River Hooghly.
„ 19. (1) Discontinuance of additional Light at Fourth Point—Sunda Strait—Java.
(2) Shoal in the Fairway to Batavia Road.
(3) Fixed Light on Meinder's Reef—Madura Strait.
„ 20. (1) Shoal ground westward of Durnford Point—South Coast of Africa.
(2) Distinguishing features marking the entrance to Tugela River.
(3) Distinguishing entrance to Umhloti River.
„ 21. Buoys off Karwar Harbour (Sadashigar).
„ 22. (1) Alterations in Lights at St. Paul and St. Denis, Réunion Island.
(2) Harbour Light at St. Pierre.
„ 23. Buoys off Kárwar Harbour (Sadashigar).
„ 24. Buoys and Beacons, Zanzibar Harbour.
„ 25. Alteration of False Point Light—Coast of Orissa.
„ 26. Red Buoy marking smooth-water anchorage off Porcaud, Alleppey.
„ 27. Change in the Anchorge Limits of the Port of Madras.
„ 28. Intended discontinuance of Light at El-weg (Sherm Wej-h), Red Sea.
„ 29. Interval of intended exhibition of blue Lights and Rockets at False Point Light-house.
„ 30. Replacing of the buoys at the entrance to Cochin Harbour and extinguishing of Narrakel Light.
„ 31. Range of visibility of the Light exhibited from Krishna Shoal Light-vessel.
„ 32. Light at Batticaloa.
„ 33. Black buoys laid down in Calicut Roadstead to mark the limits of foul ground.
„ 34. Light at Batticaloa.
„ 35. Replacing of the buoys off Karwar Harbour (Sadashigar)
„ 36. Telegraph buoy, south of Aden.
„ 37. Black buoy off Point Gordeware (Godavery).
„ 38. Light at Batticaloa.
„ 39. Exhibition of a leading Light in Suez Bay.
„ 40. Madras Semaphore.
„ 41. Black buoy off Point Gordeware (Godavery).
„ 42. Madras Semaphore.
„ 43. Buoys at Calicut.

Notices to Mariners issued during the year 1880—

No. 1. Prohibited anchorage near the telegraph cables in Zanzibar Harbour.
" 2. Discontinuance of Maroon Lights at Krishna Shoal Light-vessel.
" 3. Exhibition of the new fixed Light at False Point.
" 4. Extension of the period of exhibition of the "Intermediate" Light at the entrance to the Hooghly River.
" 5. Alterations in the position and visibility of the Light exhibited from Port Canning, Singapore.
" 6. Alteration of position and elevation of the red Light at Cannanore.
" 7. Discontinuance of the exhibition of Maroons from the Light-vessels of the Hooghly River
" 8. Fixed Light at Tolkeshwar, Dadhol or Anjanvel.
" 9. Lights at Port Ibrahim, Suez.
" 10. Changes in the buoyage of the port, Madras.
" 11. Intended alteration of Kenery (Kundari) Island Light.
" 12. Flashing Light on Flat Cape, Sunda Strait.
" 13. Destruction of First Point Light-house, Java.
" 14. Harbour Light at Beliling, Baly Island.
" 15. Position of Gwalia Reef, Carimata Strait.
" 16. Position of Parkin Rock, Hanish Islands, Red Sea.
" 17. Shoal south-west of Barren Islands, west coast of Madagascar.
" 18. Intended alteration in Light apparatus at Calicut.
" 19. Lights at Port Ibrahim, Suez (additional information).
" 20. Intermittent flashing Light on Pulo Undan, Malacca Strait.

Notices to Mariners issued during the year 1881—

No. 1. Light regulations for Pilot Brigs, River Hooghly.
" 2. Rules for regulating the entry and departure of vessels using Madras Harbour.
" 3. Re-exhibition of Light on First Point, Java.
" 4. Light at Tagal, Java.
" 5. Beacon on Borongo Island, Akyab.
" 6. Discontinuance of Armeghon light and intended change of colour of Pulicat Light.
" 7. Tidal semaphore at entrance to Chittagong River.
" 8. Alteration of colour of Light at Ratnagiri.
" 9. Red Light on Colombo breakwater.
" 10. Red buoy off Godavery Point, Cocanada.
" 11. Alterations to Lights at Paumben and Tellicherry.
" 12. Particulars of Light at First Point, Java.
" 13. Alteration in character of Light at Flat Cape, Sumatra.
" 14. Removal of north buoy, Madras Harbour.
" 15. Range of visibility of the light at Paumben.
" 16. Beacons for clearing the south-west Prong, Bombay Harbour.
" 17. Lights at Zanzibar.
" 18. Gas buoy at entrance to Port Said, Suez Canal.
" 19. Revolving light at Armeghon.
" 20. Beacon on Tucker's patch, Bombay Harbour.
" 21. Fixed Light at Pulicat.
" 22. Fixed Light at Ratnagiri.
" 23. Occasional observation of light at False Point.
" 24. Breaking adrift of Kárwar rock buoy, Kárwar or Sadashivgad.
" 25. Date of exhibition of permanent white Light at Calicut.
" 26. Alteration of colour of Katubdea Light-house, Chittagong coast
" 27. Exhibition of red and green Lights at Pondicherry.
" 28. New beacon on Kal-ah-kebirah Shoal, Gulf of Suez.
" 29. Reported coral reef off Batticaloa.
" 30. Revised rules for vessels using Madras Harbour.
" 31. Wreck buoy to mark wreck of Mariana, Madras Coast.
" 32. Removal of the Red Buoy off the head of the South Harbour Pier, Madras.
" 33. Temporary exhibition of a small dioptric Light at the Eastern Grove Light-house, at the entrance to the Rangoon River.
" 34. Reported incorrect position of Crocodile Rock, Cadiapatam or Muttum Point.
" 35. Replacing of Kárwar Rock buoy, Kárwar or Sadashivgad.
" 36. Date of re-exhibition of the permanent Light at Eastern Grove, at the entrance to the Rangoon River.
" 37. Position of the anchorage buoy at Beypore.
" 38. Buoys laid down to mark the entrance to the Madras Harbour.
" 39. Wreck in Negapatam Roadstead.
" 40. Revolving Light to be exhibited from a Light-vessel to be anchored off the Formosa Bank, Malacca Strait.

Notices to Mariners issued during the year 1882—

No. 1. Fixed Red Light exhibited from Fort Point, Georgetown Penang, or Prince of Wales' Island.
" 2. System of Buoyage in Indian Waters.
" 3. Mark for clearing the southern end of Point Pedro Shoals, north-east coast of Ceylon.
No. 4. Position of Wreck in Negapatam Roadstead.
" 5. Light-house building on sunk rock, Bombay Harbour.
" 6. Dangerous rock off Modeshwur Cape, Canara Coast.
" 7. Fishing stakes in the approaches to Bombay Harbour.
" 8. Erection of a pillar to mark the southern boundary of the port of Beypore.
" 9. Changes in the bar at the entrance to the Chittagong River.
" 10. Position of the Pilot's Ridge Light-vessel in the approaches to the Hooghly River.
" 11. Exhibition of a fixed light on Dennis island, Seychelle islands.
" 12. New Eddystone Lighthouse.

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The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, JULY 29, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART III.

Advertisements and Notices by Private Individuals and Corporations.

UNCOVENANTED SERVICE FAMILY PENSION FUND.

Result of Votes on the proposals submitted in Circular No. 2, dated 17th April 1882.

Subject.	Yes.	No.
1. Whether the revised Rules 54 and 55 contained in the Circular are approved in supersession of the existing rules on the subject.	958	30
2. Whether the distribution of the divisible surplus in the Children's Fund shall, for the year 1882-83, be carried out under the revised rules in the manner described in paragraph 6 of the Circular.	894	26

By order of the Directors,
W. H. RYLAND,
Secretary.

U. S. F. P. FUND OFFICE;
CALCUTTA,
The 21st July 1882.

PROMISSORY NOTES.

Lost or Destroyed

The Government Promissory Note, No. 3981 of 14965, of the 4 per cent. of 1835-36, for Rs. 1,000, originally standing in the name of Raja Indoo Bhusun Deb Roy, and last endorsed to Poorno Chunder Gangooly, the proprietor, by whom it was never endorsed to any other person. Payment of the above Note and the interest thereupon have been stopped at the Public Debt Office, Bank of Bengal, and application is about to be made for the issue of duplicate in favour of the proprietor.

POORNO CHUNDER GANGOOLY,
Serampore.

SUPPLEMENT TO
The Gazette of India.

№ 30.} CALCUTTA, SATURDAY, JULY 29, 1882.

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GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

[TELEGRAPH.]

ABSTRACT OF FOREIGN TRAFFIC FOR THE MONTH OF MARCH 1882.

CLASS OF MESSAGES.	ROUTE.																		TOTAL.	
	WEST.								EAST.											
	VIA TEHERAN.		VIA TURKEY.		PERSIAN GULF.		VIA SUEZ.		VIA AMUR.		VIA MADRAS.		VIA RANGOON.		NATIVE BURMA.		VIA PAUMBEN.			
	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.
INDIAN.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.
Sent . . .	2,899	11,249 1	17	61 7	48	168 1	4,734	14,123 13	...	...	783	2,517 14	207	670 13	436	633 4	1,803	3,628 7	10,927	33,052 12
Received . .	2,252	11,752 15	12	34 14	58	174 12	4,673	17,698 3	...	...	754	2,294 3	192	859 2	...	...	1,771	3,509 1	9,712	36,323 2
TOTAL .	5,151	23,002 0	29	96 5	106	342 13	9,407	31,822 0	...	...	1,537	4,812 1	399	1,529 15	436	633 4	3,574	7,137 8	20,639	69,375 14
TRANSIT.																				
From East to West—																				
Received. *Vid* Madras .	174	678 10	...	...	10	29 10	4,509	19,316 11	...	...	...	...	...	...	...	...	...	...	4,693	20,024 15
„ Rangoon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ Lainghа .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ Paumben	42	138 11	...	...	...	...	492	1,453 12	...	...	...	...	...	...	...	...	...	...	534	1,592 7
From West to East—																				
Sent. *Vid* Madras .	1,722	7,367 12	3	5 10	5	12 10	2,813	11,036 4	...	...	...	...	...	...	...	...	...	...	4,543	18,412 4
„ Rangoon .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ Lainghа .	...	...	...	...	...	...	1	2 11	...	...	...	...	...	...	...	...	...	...	1	2 11
„ Paumben	148	534 12	...	...	2	7 3	259	894 1	...	...	...	...	...	...	...	...	...	...	409	1,436 0
From West to West—																				
Vid Bombay and Karachi.	...	...	1	3 12	2	7 2	...	...	...	...	...	...	...	...	...	...	...	...	3	10 14
Vid Karachi and Bombay.	...	...	...	...	4	17 4	...	...	...	...	...	...	...	...	...	...	...	...	4	17 4
From East to East—																				
Vid Paumben .	...	...	...	...	...	...	...	...	...	...	69	253 3	5	16 6	...	...	...	...	74	269 9
„ Madras .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	68	319 1	68	319 1
„ Rangoon .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2 13	...	...	1	2 13
TOTAL .	2,086	8,709 13	4	9 6	23	73 13	8,074	32,703 7	...	...	69	253 3	5	16 6	1	2 13	68	319 1	10,330	42,067 13
																		GRAND TOTAL ...	30,969	1,11,463 13

ABSTRACT OF FOREIGN TRAFFIC WITH INDIA BY THE INDO-EUROPEAN AND RED SEA ROUTES FOR THE MONTH OF MARCH 1882.

ROUTE.	NUMBER OF MESSAGES BY EACH ROUTE (EXCLUSIVE OF TRANSIT).			PERCENTAGE OF NUMBER.		
	To India.	From India.	TOTAL.	To India.	From India.	TOTAL.
INDO-EUROPEAN { *Vid* Teheran	2,252	2,899	5,151	32·19	37·66	35·06
INDO-EUROPEAN { „ Turkey	12	17	29	0·17	0·22	0·20
INDO-EUROPEAN { Persian Gulf *vid* Karachi	58	48	106	0·83	0·62	0·72
RED SEA . . *Vid* Suez	4,673	4,734	9,407	66·81	61·50	64·02
TOTAL .	6,995	7,698	14,693	100·00	100·00	100·00

GOVERNMENT

DEPARTMENT OF FIN

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPEE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Madras.	Ganjam	11 13	11 13	13 0	...	...	...	17 13	17 13	17 13	19 10	19 10	19 8	...	...	...	...	...	...
	Vizagapatam	8 0	10 8	15 0	...	...	...	9 0	9 0	13 6	11 5	11 5	14 11	21 10	22 11	25 14	19 13	21 13	29 11
	Godavery	12 10	11 11	12 10	...	...	...	13 14	13 14	13 14	17 0	18 0	17 0	27 13	29 13	...	...	...	...
	Kistna	14 11	14 11	15 3	...	...	...	16 3	15 2	16 11	16 13	16 5	17 6	25 0	25 0	23 6	...	...	...
	Nellore	13 8	14 6	12 10	...	...	...	15 13	15 13	14 5	18 0	18 0	15 0	33 10	33 10	28 13	...	...	...
	Cuddapah	14 11	14 11	15 6	...	...	...	11 14	12 6	11 14	13 5	14 2	13 5	26 14	28 6	30 13	31 14	30 6	33 5
	Anantapur	14 6	14 6	11 8	...	...	...	15 0	15 0	13 14	16 3	16 3	15 2	30 14	33 0	37 2	18 13	18 13	18 13
	Bellary	16 5	17 5	15 5	...	...	...	12 5	12 5	13 6	13 8	13 8	14 10	31 14	30 14	37 2	25 6	24 6	32 2
	Kurnool	13 6	14 10	12 2	...	...	...	9 14	10 10	10 10	11 6	11 6	11 6	27 6	27 6	32 14	22 8	27 8	32 8
	Madras	10 2	11 0	9 8	...	...	...	13 8	14 3	13 11	15 2	15 8	14 14	23 0	23 0	23 0	26 6	26 6	22 6
	Chingleput	...	...	...	...	...	...	15 0	15 6	15 0	15 14	16 10	16 2	...	...	...	...	...	...
	North Arcot	11 14	11 0	11 0	...	...	...	15 0	15 14	16 13	16 14	16 14	17 5	32 13	32 13	25 8	29 11	30 8	28 2
	South Arcot	10 2	10 2	9 6	...	...	...	15 11	15 3	15 11	16 10	16 3	16 10	...	33 10	33 10	27 11	27 5	26 3
	Tanjore	11 0	11 0	11 0	...	...	...	18 5	18 5	15 13	...	...	...	35 13	...	28 10	31 14	31 14	30 6
	Trichinopoly	9 14	9 10	10 10	...	...	...	16 3	15 13	14 13	16 11	16 5	15 3	28 0	28 0	26 10	27 14	27 14	26 11
	Madura	11 11	12 8	13 5	...	...	...	15 8	16 6	13 14	16 0	16 14	14 10	30 13	29 3	35 10	30 14	32 5	32 5
	Tinnevelly	9 3	9 3	8 14	...	...	...	15 8	16 5	11 14	16 0	16 13	12 6	...	...	...	...	...	...
	Coimbatore	12 5	12 5	16 6	...	...	...	13 8	14 6	14 6	14 8	15 6	15 6	26 2	28 11	27 13	35 0	35 0	33 6
	Nilgiris	...	...	9 14	...	...	...	...	...	11 3	...	...	12 0	...	...	23 14	...	...	23 13
	Salem	12 11	12 11	13 10	...	...	...	14 10	15 0	14 0	15 10	16 0	16 0	29 2	27 5	27 5	23 13	22 14	26 3
	South Canara	8 10	8 10	10 5	...	...	...	9 11	9 11	8 11	13 11	13 11	14 11	...	...	...	...	...	...
	Malabar	7 3	7 3	11 8	...	...	...	15 0	15 0	15 13	15 6	15 6	16 10	...	...	...	...	...	...
Bombay.	Bombay	10 2	10 4	11 6	16 12	16 14	19 11	7 7	7 10	7 2	12 13	12 13	11 7	19 3	18 7	22 15	15 12	15 9	18 0
	Ahmedabad	12 8	12 8	15 8	...	...	30 0	31 0	6 8	8 0	8 0	8 0	13 0	17 0	17 0	28 0	14 0	14 0	22 0
	Kaira	11 7	11 7	13 14	20 0	20 0	20 10	9 2	9 2	9 2	14 9	14 9	13 5	16 0	16 0	22 14	14 0	14 0	18 11
	Surat	11 9	13 6	13 10	7 7	5 6	10 0	7 7	7 7	6 13	8 5	8 5	8 5	14 14	15 9	18 13	14 14	11 13	17 13
	Broach	12 5	12 5	16 0	...	...	...	9 6½	9 6½	8 14¼	12 9	12 9	11 6¾	15 4	16 0	17 1 2½	13 10	15 4	17 12½
	Tanna (Salsette)	9 12	9 3	11 11	...	...	...	8 3	8 3	7 3	10 0	10 0	11 4	18 10	18 10	18 10	15 0	15 0	18 0
	Colába (Alibág)	10 0	10 0	11 0	...	...	...	7 0	7 0	6 12	12 8	12 8	13 0	...	...	...	...	...	19 0
	Khandesh (Dhulia)	14 9	14 9	18 8½	...	...	...	7 4	7 4	7 4	10 15	10 15	10 15	23 13	23 13	27 3	18 14½	18 14½	21 9½
	Násik	15 8	15 8	17 2	...	...	...	7 7	7 7	7 7	12 0	12 0	11 14	...	...	25 15	21 3	21 3	19 11
	Ahmednagar	14 0	14 11	16 14	...	...	...	10 0	10 2	8 8	12 6	13 13	10 8	27 6	26 9	32 1	22 5	23 2	25 0
	Poona	12 10	12 10	13 13	...	...	...	11 0	11 0	8 9	12 4	12 4	11 0	21 12	21 12	21 12	18 6	18 6	18 6
	Sholápur	14 1	13 2	16 5	...	...	...	10 7	10 15	11 7	11 5	11 5	12 4	31 1	31 8	32 12	23 14	23 7	28 8
	Kaládgi (Bagalkot)	19 0	20 12	17 8	15 0	15 0	17 8	6 8	6 8	8 0	9 0	9 0	9 12	33 0	33 0	28 0	29 0	31 0	28 0
	Satara	12 1	12 1	13 11	...	...	...	9 11	9 11	9 5	11 7	11 7	11 7	25 5	25 5	26 10	22 0	22 0	23 4
	Belgaum	19 0	19 0	18 0	12 0	12 0	11 8	10 0	10 0	11 0	10 8	11 0	11 8	25 0	26 0	27 0	24 0	24 0	30 0
	Dharwar (Hubli)	21 0	21 0	24 0	...	...	...	10 0	10 0	14 0	11 0	11 0	17 0	24 0	24 0	43 0	23 0	23 0	42 0
	Ratnágiri	10 9	10 9	10 9	...	...	...	7 13	8 9	9 4	12 11	13 7	12 11	18 3	18 3	20 13	14 11	14 11	14 11
	Kanara (Karwar)	9 0	9 0	12 13	...	...	...	8 0	8 0	8 0	12 0	12 0	15 5	18 0	16 0	21 9	...	...	16 0
	Pánch Maháls (Godhra)	11 6	11 6	13 5	...	...	...	11 6	11 6	11 6	15 0	15 0	15 0	22 8	22 8	40 0	16 0	16 0	24 0
	Aden	8 0	8 0	8 0	...	...	...	6 3	6 3	6 3	7 0	7 0	7 0	11 3	11 3	9 5	9 5	9 5	8 0
	Asirgarh	14 0	14 0	17 0	...	...	...	11 0	11 4	10 0	12 0	12 7	12 0	23 11	24 0	32 0	24 0	24 0	30 0
	Baroda	10 8	9 12½	11 7	14 0	14 0	20 0	8 12	8 12	7 11	11 10½	11 10½	11 1	16 5½	16 0½	22 14	14 0	14 0	18 5
	Disa	13 4	13 4	15 6	...	...	...	6 6	6 6	6 6	8 11	8 11	8 6	17 13	18 8	25 4	16 0	16 8	21 5
	Nimach	14 0	13 0	19 0	16 8	16 8	28 0	8 8	8 8	8 0	10 0	10 0	9 0	17 0	17 8	28 0	16 8	16 8	22 8
	Nasirabad	16 1	15 15	17 10	21 11¾	21 11¾	22 5¼	6 0	6 0	6 0	7 0	7 0	7 0	23 5¼	24 0	24 14	17 4¾	17 8	17 0
	Rájkot	2 4	12 2	16 8	...	...	...	6 8	6 0	5 8	11 0	11 0	10 8	14 0	14 6	26 0	12 12	12 4	21 4
	Upper Sindh Frontier	14 4	14 0	12 8¾	26 0	26 0	17 13½	11 4	11 4	9 2	20 0	22 12	12 8¾	32 0	33 8	21 5	28 0	...	16 13
	Karachi	12 5	12 2	10 8	21 8	21 0	17 0	9 8	9 8	9 0	15 0	15 0	12 0	22 0	22 0	20 0	18 0	18 8	18 0
	Haidarabad (Nakur)	16 0	16 0	13 0	25 0	25 0	20 0	12 0	12 0	10 0	20 0	20 0	14 0	26 0	26 0	20 0	25 0	25 0	20 0
	Shikarpur	13 14	13 10½	12 12½	25 10	26 5	19 12	13 2½	12 12½	10 0	20 0	18 0	16 0	25 7	26 5	20 0	29 0	29 0	21 2
	Thar and Parkar (Umarkot)	17 8	17 8	16 8	...	...	...	...	...	...	13 15	14 4	10 4	...	...	...	18 12	19 5	16 4
	Western Districts.																		
Bengal.	Burdwan	14 0*a*	14 0	15 0	40 0	21 0	40 0	21 5	25 8	26 4	24 0	28 4	27 4	...	...	...	...	...	...
	Bancoorah	13 12*b*	18 8	16 0	17 0	18 0	18 0	28 0	25 0	24 0	30 0	35 0	31 4	...	...	...	...	...	...
	Beerbhoom	14 0*c*	14 0	19 0	...	...	...	21 0	22 4	22 0	28 0	32 0	28 8	...	...	...	...	...	...
	Midnapore	14 0*d*	16 0	15 0	...	...	...	20 0	22 0	27 0	26 0	30 0	33 0	...	...	...	...	...	...
	Hooghly	18 0*e*	18 0	15 0	...	...	...	10 0	10 0	10 0	20 0	20 0	20 0	...	...	...	...	...	...
	Howrah	13 0	13 4	15 4	...	...	...	16 0	16 4	16 0	20 0	20 0	22 8	...	...	...	...	...	...

a In the sub-divisions retail prices of salt are as follow :—Cutwa 12 seers, Culna 15 seers, and Raneegunge 13-12 seers.
b In the interior retail prices of salt range from 12 to 16 seers.
* Not received.

OF INDIA.

ANCE AND COMMERCE.

INDIA FOR THE 2nd HALF OF JUNE 1882.

IN SEERS OF 80 TOLAHS.																					AVERAGE WAGES PER MONTH.		
Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murnwa, Nugloo), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt.												
									Wholesale.			Retail.									
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.							Able-bodied Agricultural Labourer.	Syce or Horse-keeper.	Common Mason, Carpenter, or Blacksmith.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.							Rs. A. P.	Rs. A. P.	Rs. A. P.
35 3	35 5	32 3	26 10	26 10	35 5	215 13	215 13	215 13	...	...	...	13 13	13 13	12 0							3 12 0	6 0 0	12 0 0
21 3	23 13	30 5	24 10	24 10	37 6	93 5	93 5	87 8	15 3	15 3	11 11	14 10	14 10	10 8							5 0 0	6 0 0	11 4 0
28 3	33 11	36 6	25 3	26 3	30 6	194 6	194 6	194 6	14 10	14 10	12 8	14 10	14 10	12 8							4 0 0	5 0 0	15 0 0
35 5	35 5	38 3	25 2	25 10	30 13	145 13	145 13	145 13	16 0	16 5	13 2	15 11	15 11	12 13							7 8 0	7 0 0	15 0 0
36 6	36 6	30 14	27 5	28 5	26 3	186 10	186 10	93 5	14 13	14 13	13 3	14 13	14 13	12 11							7 8 0	5 0 0	13 5 4
31 8	31 8	34 8	27 8	31 0	36 2	194 6	194 6	194 6	16 10	16 10	14 13	16 2	16 3	14 6							7 8 0	7 8 0	15 0 0
30 8	31 0	36 14	35 13	35 13	40 5	...	...	...	14 5	14 5	11 14	14 5	14 5	11 14							*	*	*
29 2	29 2	33 0	28 0	28 0	37 8	97 3	97 3	97 3	15 13	15 8	13 6	15 8	14 14	13 2							4 0 0	5 0 0	15 0 0
...	...	...	24 6	27 0	30 13	202 3	194 6	199 11	14 6	14 6	12 8	14 0	14 0	12 2							3 0 0	5 0 0	15 0 0
27 6	28 13	27 6	26 2	26 2	30 6	81 6	81 6	81 6	16 11	16 11	14 6	16 3	16 3	13 14							5 0 0	5 8 0	13 9 6
27 6	28 13	25 11	24 13	24 13	28 2	92 5	92 5	77 13	17 0	17 0	14 5	16 5	16 5	13 14							4 0 0	5 0 0	13 5 4
32 8	34 3	33 5	28 10	26 10	37 6	140 0	140 0	140 0	14 13	14 5	12 11	14 5	14 13	12 5							5 0 0	8 0 0	15 0 0
30 3	28 10	28 10	28 13	28 6	31 2	201 11	201 11	199 5	19 5	19 5	15 5	18 14	18 14	14 13							5 10 0	5 0 0	13 2 0
39 5	39 5	33 3	29 11	31 8	31 8	194 6	194 6	194 6	15 10	15 10	12 6	15 3	15 10	12 6							1 14 0	4 0 0	11 4 0
32 11	31 6	30 2	33 14	33 14	32 5	97 3	97 3	97 3	17 13	17 0	13 13	17 0	16 3	12 14							*	*	*
32 8	34 2	34 0	42 11	42 11	38 5	170 2	145 13	145 13	16 2	16 10	14 0	15 14	16 6	13 8							4 0 0	7 8 0	20 0 0
...	...	...	29 11	29 11	27 2	81 10	81 10	76 13	18 11	18 11	14 13	18 5	18 5	14 5							6 4 0	6 0 0	14 6 0
32 13	29 8	34 6	30 6	30 6	47 8	131 3	131 3	131 3	14 2	15 2	12 3	13 10	14 10	11 11							5 10 0	7 8 0	18 12 0
*	*	21 10	*	*	26 8	*	*	121 8	*	*	9 3	*	*	9 3							*	*	*
30 13	30 13	30 13	35 8	39 6	39 6	151 10	151 10	151 10	15 6	16 6	14 5	14 5	15 0	13 5							2 8 0	6 0 0	23 2 0
22 0	22 0	20 3	21 3	21 3	23 3	116 10	116 10	109 5	11 0	11 0	12 6	10 0	10 0	11 5							7 8 0	7 8 0	21 4 0
19 11	20 6	23 6	24 6	25 3	33 10	121 8	121 8	121 8	14 6	14 6	10 13	13 8	13 8	9 14							9 6 0	7 8 0	18 12 0
21 4	14 1	10 7	16 12	17 3	17 3	71 10	54 9	61 7	14 5	14 5	12 9	14 5	14 5	12 9							9 8 0	11 0 0	27-8 to 45-0
...	...	...	20 0	20 0	22 8	80 0	80 0	80 0	16 8	16 8	13 4	16 0	16 0	13 0							7 8 0	8 0 0	22 8 0
...	...	...	20 0	20 0	21 5	80 0	80 0	80 0	...	..	...	16 0	16 0	12 13							6 0 0	7 0 0	10-0 to 15-0
...	...	...	16 0	14 14	17 13	80 0	80 0	80 0	13 9	13 10	11 7	13 9	13 10	11 7							4-0 to 7-0	6-0 to 12-0	15-0 to 25-0
...	...	...	16 0	16 0	20 0	106 0	106 0	106 0	15 4	15 4	12 12¾	15 4	15 4	12 12¾							5 0 0	8 0 0	16 0 0
...	25 11	15 4	14 15	15 14	17 3	71 1	71 1	71 1	14 5	14 5	10 2	12 12	12 12	10 2							9 0 0	10 0 0	25-0 to 30-0
...	...	25 0	14 0	14 0	14 8	120 0	120 0	110 0	12 0	14 0	11 8	11 0	13 0	11 0							7 0 0	10 0 0	20 0 0
...	...	...	17 1	15 15	25 2½	140 0	140 0	140 0	15 2	15 6	12 2	15 0	15 0	12 0							6 0 0	6 0 0	15 0 0
30 0	30 0	27 8	18 0	18 0	25 8	128 0	128 0	115 0	14 6	14 6	12 14	14 2	14 2	12 12							8 0 0	6 0 0	15-0 to 22-0
...	...	...	19 7	20 1	24 5	91 5	91 5	106 6	14 9	14 9	11 9	14 7	14 7	11 8							6 0 0	9 0 0	15 0 0
...	...	...	17 4	18 6	18 6	68 0	68 0	76 0	13 10	13 10	12 8	13 6	13 6	12 4							6 0 0	10 0 0	12-0 to 15-0
...	...	...	20 12	21 7	25 9	85 0	80 0	91 8	13 8	13 12	12 4	12 0	13 8	11 8							6 0 0	9 0 0	20 0 0
...	...	...	15 8	16 0	19 0	110 0	100 0	112 0	11 4	11 12	10 0	11 0	11 0	9 8							7 8 0	7 8 0	15-8 to 18-12
...	...	...	14 5	15 10	16 14	110 15	110 15	129 7	12 6	12 6	11 10	11 10	11 10	10 15							6 0 0	10 0 0	10-0 to 15-0
35 0	35 0	35 0	13 8	14 8	18 0	80 0	80 0	65 0	12 0	12 8	11 0	11 8	12 0	10 0							4 0 0	8 0 0	12-0 to 15-0
28 0	28 0	49 0	12 0	12 0	21 0	80 0	80 0	80 0	8 12	8 12	8 12	8 0	8 0	8 0							5 10 0	7 0 0	7-6 to 15-0
21 2	21 2	18 13	14 0	14 0	16 13	120 0	120 0	165 0	11 13	11 13	9 1	11 10	11 10	9 1							5 8 0	9 0 0	14 0 0
21 0	21 0	22 4	12 0	12 0	14 5	213 5	213 5	213 5	11 8	13 4	10 8	10 8	12 8	10 0							8 0 0	9 0 0	24 6 0
23 0	23 0	40 0	25 0	25 0	32 0	200 0	200 0	200 0	16 0	16 0	...	15 4	15 4	11 6							5 10 0	7 0 0	18 12 0
...	...	...	9 5	9 5	9 5	65 5	65 5	65 5	...	...	...	32 0	32 0	32 0							...	10 0 0	30 0 to 37-8
...	...	...	20 0	20 0	27 9	160 0	160 0	160 0	12 4	12 4	10 0	12 4	12 4	10 0							...	6 0 0	15 0 0
...	...	...	17 8	17 8	20 0	81 10½	75 13	91 0	14 4¾	14 10½	12 2	14 0	14 9¼	12 0							7 8 0	7 0 0	22 8 0
...	...	...	18 8	18 8	20 4	137 8	137 8	137 8	13 8	13 8	10 8	13 0	13 0	10 0							5 10 0	6-0 to 7-0	18 12 0
...	...	...	18 0	17 0	23 12	160 0	160 0	160 0	...	...	...	11 0	11 0	8 8							6 0 0	7 0 0	12 0 0
...	...	...	22 3¼	21 9½	22 8	85 0	85 0	83 5¼	†16 6¾	†16 6¾	...	16 0	16 0	12 1							6-0 to 7-0	6-0 to 9-0	10-0 to 15-0
...	...	...	16 4	16 0	25 0	80 0	80 0	75 0	50 0	52 8	45 0	48 0	48 0	...							8 0 0	8 0 0	18-1 to 22-8
40 0	40 0	...	20 0	22 4	18 13	160 0	160 0	160 0	‡12 5	‡12 4¾	‡10 10½	‡12 4	‡12 4	‡10 0							...	...	...
11 0	13 0	10 0	17 0	15 0	20 0	105 0	105 0	103 0	17 13	17 13	14 3	17 0	17 0	14 0							...	...	...
...	...	...	15 0	16 0	11 0	480 0	480 0	320 0	14 0	14 0	10 0	14 0	14 0	10 0							...	...	...
...	...	...	20 0	19 7	20 0	280 0	280 0	220 0	13 2	13 2	11 2	13 0	13 0	11 0							10 0 0	8 0 0	30 0 0
...	...	...	...	...	...	160 0	160 0	160 0	10 11	10 11	9 10	10 11	10 11	9 10							7-8 to 11-4	10 0 0	18-12 to 37-8
									Prices per md. of 40 seers.														
									Rs. A. P.	Rs. A. P.	Rs. A. P.												
...	...	...	23 8	24 0	23 0	120 0	120 0	80 0	2 13 0	2 12 0	...	13 12	13 12	10 0							9 6 0	6 8 0	10-0 to 15-0
...	...	...	20 0	20 0	20 0	320 0	320 0	280 0	3 4 0	3 2 0	...	12 1	13 0	9 0							6-0 to 9-0	4-8 to 6-8	7-8 to 12-0
...	...	...	23 8	24 0	25 0	160 0	180 0	180 0	3 4 0	3 3 6	4 0 0	12 8	12 0	9 0							...	5 0 0	9 0 0
...	...	...	19 0	20 0	18 0	160 0	160 0	160 0	3 0 0	3 0 0	...	13 8	13 8	9 0							5 13 0	5 0 0	6-9 to 7-8
...	...	...	21 0	21 0	20 0	120 0	120 0	120 0	2 14 0	2 14 0	3 12 0	13 9	13 8	9 0							6-0 to 7-0	...	10-0 to 25-0
...	...	...	20 0	21 0	21 4	80 0	80 0	80 0	2 14 0	2 14 0	4 0 0	13 0	13 0	...							7 8 0	6 8 0	14 0 0

c In the interior retail prices of salt range from 10 to 14 seers.
d Retail prices of salt in the sub-divisions are as follow:—Contai 12 seers, Tumlook 13 seers, and Ghatal 14-14 seers.
e In the interior retail prices of salt range from 12-8 to 14-12 seers.
† Sambhur. ‡ In common use.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPEE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorgaum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Bengal—continued.	*Central Districts.*																		
	Calcutta	14 0	13 5	16 0	26 8	26 8	35 8	10 0	10 0	7 4	20 0	20 0	15 4	20 0	23 0	26 10	...	...	...
	24-Pergunnahs	12 0*f*	13 5	13 5	21 4	20 3	26 8	10 0	10 8	10 8	17 0	17 0	18 0	20 0	19 0	...	...	...	...
	Nuddea	14 8*g*	15 4	16 13	26 0	26 0	32 0	17 4	18 13	17 4	20 0	21 5¼	22 14	...	...	...	...	...	...
	Khoolna	...*h*	...	...	...	...	...	16 0	22 0	17 0	22 0	28 0	21 0	...	...	...	...	...	...
	Jessore	16 0*i*	16 0	16 0	...	...	...	18 12	18 12	20 0	24 8	29 0	29 0	...	...	...	...	...	...
	Moorshedabad	16 0*j*	16 0	20 0	...	...	...	17 12	18 0	19 0	25 0	24 0	26 0	...	...	...	...	...	...
	Dinagepore	13 0*k*	10 8	13 4	16 0	16 0	24 0	24 0	22 0	25 0	27 0	25 4	34 0	...	...	...	...	...	...
	Rajshahye	13 8*l* to 18 0	16 8	22 8	46 12	48 12	45 0	18 0 to 18 12	18 0 to 18 12	24 0	21 12 to 24 12	21 0 to 24 0	30 0	...	...	...	...	...	...
	Rungpore	16 0*m*	15 0	18 0	...	...	...	16 0	16 0	15 0	20 0	22 8	22 8	...	...	...	...	...	...
	Bogra	17 4	15 12	19 8	...	...	...	16 8	18 0	24 0	28 2	28 2	37 8	...	...	...	...	...	...
	Pubna	18 12*n*	18 0	24 0	...	...	...	10 0	10 0	8 8	24 0	23 4	33 8	...	...	...	...	...	...
	Darjeeling	8 0*o*	8 0	8 0	8 0	8 0	8 0	5 0	5 0	4 0	13 0	13 0	12 0	...	...	...	...	...	...
	Jalpáiguri	9 0*p*	9 0	10 8	20 0	20 0	...	16 0	16 0	16 0	24 0	24 0	22 0	...	...	...	...	...	...
	Eastern Districts.																		
	Dacca	12 4*q*	15 4	15 4	32 0	40 0	40 0	22 0	20 10	23 8	26 12	26 6	32 0	...	...	...	...	...	...
	Furreedpore	22 0*r*	21 0	22 0	35 0	35 0	30 0	22 0	22 0	6 8	28 0	23 0	26 8	...	...	...	...	...	...
	Backergunge	...*s*	...	...	...	...	...	20 0	22 0	22 0	24 0	26 0	30 0	...	...	...	...	...	...
	Mymensingh	11 8*t*	11 8	11 8	...	...	...	22 8	22 8	24 0	29 0	29 0	28 0	...	...	...	...	...	...
	Tipperah	11 8*u*	13 4	14 0	...	...	...	22 0	22 8	26 0	28 8	28 0	38 0	...	...	...	...	...	...
	Chittagong	9 0*v*	9 0	12 4	...	...	...	20 0	18 0	17 0	25 0	22 8	25 0	...	...	...	...	...	...
	Noakholly	...*w*	...	...	...	...	...	27 0	27 0	25 0	31 0	31 0	29 0	...	...	...	...	...	...
	Chittagong Hill Tracts	...	...	...	...	...	...	16 0	16 0	16 0	17 12	17 12	17 3	...	...	...	...	...	...
	Hill Tipperah	11 0	10 0	12 0	...	...	...	24 0	24 0	32 0	32 0	34 0	40 0	...	...	...	...	...	...
	Behar.																		
	Patna	16 8	16 8	22 0	34 0	34 0	40 0	11 8	11 8	15 0	21 8	21 8	22 0	...	...	...	...	...	...
	Gya	17 0*x*	17 8	21 0	28 0	29 0	38 0	12 0	12 0	13 0	20 0	20 8	20 1	...	...	...	...	...	...
	Shahabad	15 0*y* to 17 0	15 0 to 17 0	20 0 to 21 0	30 0	30 0	35 0	20 0 to 21 0	20 0 to 21 0	19 0 to 21 0	22 0	22 0	22 0 to 23 0	...	...	...	...	...	...
	Durbhunga	14 0*z*	15 0	19 0	35 0	35 0	50 0	14 0	14 0	16 0	17 0	16 0	20 0	...	...	...	...	...	...
	Mozufferpore	16 0*z1*	17 0	24 0	30 0	30 0	40 0	12 0	12 0	11 0	16 0	17 0	20 0	...	...	...	...	...	...
	Sarun	15 8*z2*	16 0	19 0	30 0	32 0	41 0	10 0	10 0	10 8	21 0	22 0	22 8	32 0	37 0	42 0	...	...	...
	Chumparun	18 0*z3*	19 0	24 0	36 0	38 0	50 0	12 0	12 0	12 0	21 0	21 0	21 0	...	...	...	...	...	...
	Monghyr	16 12*z4*	16 12	19 15	34 9	31 8	36 12	15 12	15 11	14 11	19 15	18 15	19 15	...	...	...	...	...	...
	Bhágulpur	14 8*z5*	15 2	17 11	30 4	34 0	34 1	18 15	18 5	18 15	22 12	22 12	20 3	...	...	...	...	...	...
	Purneah	14 0*z6*	16 0	20 0	...	...	40 0	20 0	22 0	22 0	25 0	26 0	30 0	...	...	...	...	...	...
	Maldah	16 0	16 0	21 0	...	...	...	16 0	18 0	20 0	19 0	22 0	24 0	...	...	...	...	...	...
	Sonthal Pergunnahs	13 0*z7*	13 0	15 0	...	...	...	18 0	20 0	24 0	24 0	25 0	27 8	...	...	...	...	...	...
	Orissa.																		
	Cuttack	14 7	13 2	23 10	...	...	...	17 1	15 12	19 11	27 9	26 4	22 5	...	...	...	...	...	...
	Pooree	11 4*z8*	12 8	17 1	...	...	...	22 0	22 0	23 10	25 0	25 0	28 0	...	...	...	...	...	...
	Balasore	16 0	16 0	16 0	...	...	...	26 0	26 0	32 0	32 0	32 0	40 0	...	...	...	...	...	...
	Chota Nagpore—South-Western Frontier Agency.																		
	Hazaribagh	16 0	16 0	20 0	24 0	24 0	...	10 0	11 0	12 0	19 0	21 0	20 0	...	...	...	...	...	...
	Lohardugga	18 0*z9*	18 0	19 0	26 0	28 0	28 0	22 0	22 0	20 0	25 0	26 0	24 0	...	...	...	...	...	...
	Singbhoom	20 0	22 0	24 0	28 0	32 0	40 0	36 0	36 0	32 0	40 0	40 0	36 0	...	...	...	...	...	...
	Manbhoom	13 0*z10*	13 0	18 0	...	...	40 0	19 0	19 0	20 0	34 0	34 0	32 0	...	...	40 0	...	...	...

f In the sub-divisions retail prices of salt are as follow :—Baraset and Bussirhat 13 seers, Diamond Harbour 10-8 seers, Barripore 10 seers, Barrackpore 12-12 seers, and Dum-Dum 12 seers.
g In the sub-divisions retail prices of salt are as follow :—Kooshtea and Ranaghat 13 seers, Meherpore and Chooadanga 12 seers, and Rongong 13-5 seers.
h In the sub-divisions retail prices of salt are as follow :—Bagirhat 11 seers and Satkhira 10-10 seers.
i In the sub-divisions retail price of salt 12 seers.
j In the sub-divisions retail prices of salt are as follow :—Lalbagh 10 seers, Jungypore 11-6 seers, and Kandi 11-8 seers.
k Retail price of salt at Raigunge 11-8 seers and at Nitpore 10 seers.
l In Nattore retail price of salt is 12 seers.
m Retail price of salt in Gaibanda and Kurigram sub-division 12 seers.
n In Serajgunge retail price of salt is 13-4 seers.
o Retail price of salt at Kurseong 8 seers, and at Silligori 10 seers.
p Retail price of salt at Fallacotta in Alipore sub-division is 10 seers.
q In the sub-divisions retail prices of salt are as follow:—Manickgunge 12 seers, Moonsheegunge 10-10¾ seers, and Naraingunge 13-8 seers.
r In the sub-divisions retail prices of salt are as follow :—Goalundo 12 seers, Madaripore and Gopalgunge 13 seers, and Bhanga 15 seers.
s In the sub-divisions retail prices of salt are as follow :—Patuakhali 10-10 seers, Ferozepore 11 seers, and Bhola 10 seers.
t In the interior retail prices of salt range from 11 to 16 seers.
u In the sub-divisions retail prices of salt are as follow :—Brahmunberia 13 seers, and Chandpore 12 seers.

INDIA FOR THE 2nd HALF OF JUNE 1882—*continued.*

IN SEERS OF 80 TOLAHS.																					AVERAGE WAGES PER MONTH.		
Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nagree), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt.														
									Wholesale prices per maund of 40 seers.			Retail.										
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.				Able-bodied Agricultural Labourer.	Syce or Horse-keeper.	Common Mason, Carpenter, or Blacksmith.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	S. Ch.	S. Ch.	S. Ch				Rs. A. P.	Rs. A. P.	Rs. A. P.
...	...	...	23 0	23 0	22 13	90 0	90 0	90 0	2 8 0	2 10 0	...	14 9	13 8	10 0				10 0 0	7 0 0	11 8 0
...	...	...	18 8	20 0	21 5	80 0	80 0	90 0	2 12 0	3 0 0	4 8 0	14 8	13 5	9 0				10 0 0	6 0 0	15-0 to 20-0
...	...	...	22 0	22 15	29 0	...	...	...	2 12 1	2 13 0	...	12 13¼	12 13¼	10 0				6 0 0	6 0 0	10-0 to 12-0
...	...	...	12 0	12 0	10 0	160 0	160 0	160 0	3 2 0	3 2 0	4 0 0	11 0	11 10	8 0				8 0 0	5-0 to 7-0	8 0 to 15-0
...	...	...	18 0	18 0	25 0	120 0	120 0	110 0	3 2 0	3 2 0	...	11 8	11 8	8 0				7 8 0	6 0 0	15 0 0
...	...	...	25 0	26 0	32 0	120 0	120 0	120 0	3 5 0	3 0 0	...	11 8	12 8	9 0 to 10 0				5 0 0	5 0 0	7 8 0
...	...	...	17 0	17 4	18 0	160 0	160 0	160 0	3 4 0	3 4 0	...	12 0	12 0	8 8				6-0 to 7-8	5-0 to 8-0	8-0 to 20-0
...	...	...	24 12	24 0	26 0 to 32 0	240 0	240 0	250 0	3 5 3	3 5 3	...	12 0	12 0	9 3				5-0 to 6-0	5-0 to 7-0	12-0 to 15-0
...	...	...	15 0	15 0	12 0	135 0	135 0	120 0	3 5 3	3 5 3	...	11 8	11 8	8 12				7 8 0	6 0 0	12-0 to 15-0
...	...	...	18 12	15 12	15 0	67 8	67 8	67 8	3 2 8	3 5 4	...	12 0	10 8	9 3				5-0 to 6-0	6 0 0	10-0 to 15-0
...	...	...	20 0	20 0	22 0	200 0	200 0	200 0	3 0 0	3 0 0	4 5 0	12 0	12 0	9 0				6-0 to 8-0	5-8 to 6-0	10-0 to 16-8
8 0	8 0	6 0	9 0	8 0	6 0	160 0	160 0	160 0	4 8 0	4 8 0	6 0 0	8 0	8 0	5 0				7-0 to 8-0	8 0 0	17-0 to 21-8
...	...	...	16 0	16 0	13 5	128 0	128 0	64 0	3 4 0	3 4 0	...	11 0	11 0	8 0				7 8 0	8 0 0	20-0 to 30-0
...	...	...	21 0	22 10	18 12	91 4	91 4	106 0	2 15 0	2 15 0	4 0 0	13 5	13 5	9 12				5-0 to 6-0	5-0 to 6-0	8-0 to 20-0
...	...	...	12 0	12 0	12 0	...	...	...	3 5 4	2 15 5	...	11 0	12 0	9 12				7 8 0	6 0 0	15 0 0
...	...	...	18 0	20 0	19 8	100 0	100 0	100 0	3 11 0	3 11 0	...	10 9	10 9	8 8				7 8 0	6 0 0	8-0 to 15-0
...	...	...	16 0	17 0	18 8	...	...	...	3 2 0	3 2 0	...	12 8	12 8	9 4				8-0 to 9-0	6 0 0	12-0 to 30-0
...	...	...	17 0	18 0	18 0	...	...	...	3 4 0	3 2 0	...	12 8	12 12	9 8				6-0 to 9-0	5-0 to 7-0	7-0 to 16-0
...	...	...	16 0	16 0	16 0	80 0	80 0	80 0	2 14 0	3 0 0	4 0 0	13 0	12 0	6 8				7-8 to 10-0	6 0 to 7-0	9-0 to 10-0
...	...	...	14 0	15 0	16 0	...	...	...	3 2 0	3 4 0	...	11 0	10 0	6 0				7-0 to 8-0	5-0 to 7-0	7-0 to 20-0
...	...	...	...	...	...	320 0	320 0	320 0	3 8 0	3 8 0	...	10 9	10 0	6 6				...	...	...
...	...	...	14 0	13 0	10 8	...	...	...	3 6 0	...	...	10 0	10 0	8 0				7 8 0	6 8 0	14 0 0
...	...	...	30 0	30 0	35 0	130 0	130 0	120 0	3 2 0	3 2 0	...	10 9	10 9	9 4				4-0 to 4-8	4-0 to 5-0	5-10 to 7-8
...	...	...	26 0	28 0	32 0	180 0	180 0	160 0	3 4 0	3 4 0	...	11 8	11 8	9 0				2-8 to 3-0	3-0 to 5-0	6-0 to 8-0
...	...	...	30 0	32 0	32 0	120 0	120 0	120 0	3 0 0	3 1 0	...	13 0	12 8	9 8				4 0 0	5-0 to 6-0	6-0 to 7-8
33 0	35 0	40 0	25 0	27 8	27 0	130 0	160 0	180 0	3 4 6	3 4 6	...	11 0	11 0	9 0				3-8 to 4-0	4-0 to 5-0	5-8 to 10-0
...	...	...	25 0	28 0	32 0	140 0	140 0	140 0	3 3 0	3 2 0	...	12 0	12 8	8 8				3-0 to 4-0	3-0 to 5-0	5-0 to 7-0
31 0	32 0	32 0	28 0	31 0	31 8	160 0	160 0	160 0	3 8 0	3 5 0	...	11 0	11 8	8 8				3-0 to 3-12	4-0 to 6-0	6-0 to 10-0
...	...	...	30 0	30 0	35 0	...	...	...	3 8 0	3 8 0	...	10 8	11 0	8 0				5 0 0	4 0 0	8 0 0
...	...	...	31 8	36 12	33 9	126 0	147 0	146 0	3 1 0	3 1 0	...	12 10	12 14	8 6				3 12 0	4 0 0	5-10 to 7-8
...	...	...	29 10	29 0	23 12	151 8	138 14	138 14	3 12 0	2 10 0	...	12 10	12 10	9 6				4-0 to 5-0	4-0 to 5-0	6-0 to 10-0
...	...	...	23 0	23 0	22 0	160 0	160 0	120 0	3 12 0	...	...	10 0	10 0	8 0				4-11 to 5-10	4-0 to 5-0	7-0 to 16-0
...	...	...	26 0	26 0	27 0	120 0	120 0	120 0	3 0 0	3 0 0	...	12 0	13 0	9 0				6 0 0	5 0 0	7-0 to 20-0
...	...	...	20 0	22 0	22 0	200 0	200 0	200 0	3 12 0	...	...	10 8	10 8	8 0				*3 12 0	5 0 0	14-0 to 15-0
14 7	14 7	18 6	22 5	22 5	22 5	160 0	160 0	160 0	3 0 0	3 0 0	3 8 0	13 0	13 0	11 0				5 10 0	4 0 0	7-8 to 10-0
...	...	...	15 0	14 0	13 2	100 0	102 0	100 0	2 12 0	3 2 0	...	14 8	13 0	9 3				7 0 0	5 0 0	8-0 to 10-0
...	...	...	16 0	16 0	13 5	160 0	160 0	140 0	3 2 0	3 2 0	4 6 0	13 0	13 0	9 4				4 11 0	5 0 0	5-0 to 7-8
33 0	42 0	48 0	21 0	20 0	25 0	240 0	240 0	200 0	3 12 9	3 11 3	...	10 0	10 0	8 0				4 4 0	5 0 0	8 0 0
38 0	38 0	44 0	19 0	20 0	20 0	120 0	130 0	140 0	4 0 0	4 0 0	...	9 0	9 0	6 8				3 12 0	...	5-10 to 12-0
...	...	...	24 0	24 0	24 0	180 0	180 0	160 0	4 7 0	4 7 0	...	8 0	8 0	7 0				3 0 0	4-8 to 5-0	5-0 to 10 0
...	...	64 0	17 0	17 0	20 0	120 0	140 0	140 0	3 12 0	3 8 0	...	11 0	11 0	8 8				4 11 0	4 0 0	10 0 0

v Retail prices of salt at Kumeriah 11 seers, Hathazaree 12 seers and Cox's Bazar 10 seers.
w In the interior retail prices of salt range from 8 to 11 seers.
x In the sub-divisions retail prices of salt are as follow:—Jehanabad 12 seers and Nowda 10 seers.
y In the sub-divisions retail prices of salt are as follow:—Sasseram 11-4 seers, Buxar 11-8 seers, and Bhabuah 10-8 seers.
z In the Madhoobani and Tajpore sub-divisions retail price of salt is 11-8 seers.
z1 In the interior retail prices of salt range from 8 to 12-8 seers.
z2 Retail price of salt in Sewan 10-12 seers and in Gopalgunge 12-4 seers.
z3 In the interior retail prices of salt range from 9 to 12 seers.
z4 Retail price of salt in Beguserai sub-division 10 seers, and in Jamui sub-division 12-8 seers.
z5 In the sub-divisions retail prices of salt are as follow:—Banka and Soopole 11 seers, and Mudehpoora 10-8 seers.
z6 Retail price of salt in Kissengunge sub-division 10 seers, at Kanigunge in Arrareah sub-division 9 seers, and at Kusba 12-4 seers.
z7 Retail price of salt in Godda and Sarowin 10 seers
z8 In the Khurda sub-division retail price of salt 13 seers.
z9 Retail price of salt at Daltongunge 9 seers, and at Lohardugga 8-8 seers
z10 Retail price of salt at Raghunathpore and Govindpore 12 seers, and at Burrabazar and Jhalda 10 seers.
* With one meal a day Rs. 2-13, with two meals a day Re. 1-4 to Re. 1-8.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPEE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowari), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bajrasu Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bajrasu Millet. Past fortnight.	Bajrasu Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Assam.	Sylhet	No return received.			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cachar																		
	Goálpárá																		
	Gáro Hills																		
	Kámrúp																		
	Darrang																		
	Nowgong																		
	Sibságar																		
	Lakhimpur																		
	Khási & Jaintiá Hills																		
	Nága Hills																		
N. W. Provinces.	Dehra Dún	18 8	19 8	18 8	29 0	29 0	28 0	11 0	11 0	11 0	12 0	12 0	12 0	22 0	22 0	14 0	20 0	20 0	16 0
	Saháranpur	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Muzaffarnagar	17 0	18 11	21 8	29 11	28 11	30 12	6 9	6 9	6 9	14 5	14 5	12 10	24 6	26 6	23 2	22 0	22 0	19 12
	Meerut	18 0	18 0	20 8	24 0	24 0	28 0	6 0	6 0	5 8	16 0	16 0	13 0	25 0	25 0	17 0	21 0	21 0	18 0
	Bulandshahr	19 4	18 14	20 8	23 4	23 0	27 0	6 0	6 0	6 0	11 0	10 15	10 12	23 0	23 0	20 0	20 0	20 0	18 0
	Aligarh	17 8	17 8	18 8	23 0	22 8	24 0	6 0	6 0	6 0	13 0	15 8	15 0	24 8	24 8	16 4	19 0	19 0	18 0
	Kumaun	17 0	17 0	14 0	18 0	18 0	16 0	10 0	10 0	8 0	13 0	13 0	11 0	...	...	...	...	...	...
	Garhwál	23 8	23 8	20 0	25 0	25 0	20 0	9 0	9 0	8 0	15 0	15 0	11 8	...	...	...	...	...	...
	Bijnor	16 0	17 2	19 2	24 3	26 7	27 0	11 4	11 4	10 11	12 6	12 10	11 13	21 6	22 8	14 1	18 0	19 2	16 14
	Moradabad	18 12	18 7	20 10	25 0	24 6	28 2	9 6	9 6	7 13	13 12	14 6	13 2	23 12	23 12	20 0	19 6	19 6	13 2
	Budaun	17 6	17 11	19 12½	21 9½	21 14	26 11	9 9½	9 9½	6 0	15 0	15 9½	12 9½	16 12½	...	...	18 0	...	...
	Bareilly	16 14	17 3	18 12	25 0	25 0	28 12	8 2	8 2	7 8	13 12	15 0	13 12	20 0	22 8	25 0	20 10	20 0	23 2
	Sháhjáhánpur	18 0	18 4	21 2	23 8	23 8	28 0	9 4	9 4	7 8	16 8	16 8	14 4	...	...	...	...	...	...
	Tarái Pergunnahs	19 4	20 0	20 0	30 0	30 0	34 0	7 8	7 8	9 0	12 8	13 0	14 0	17 8	...	12 0	20 0	...	12 0
	Muttra	16 12	17 0	18 0	21 8	21 8	22 0	...	...	8 0	14 8	15 0	13 8	22 0	22 0	17 0	18 0	18 0	18 0
	Agra	16 12	16 12	17 6	20 8	20 8	22 0	6 8	6 8	6 8	14 0	14 0	13 8	22 0	22 0	22 0	20 0	20 0	20 8
	Farukhabad	16 7	16 13	19 1	21 1	21 0	26 1	8 3	8 3	5 15	14 10	14 0¼	14 5	21 13¼	21 6	14 7	20 7¼	20 13	18 0
	Mainpuri	18 0	17 12	17 8	21 0	21 8	22 0	5 0	5 0	4 0	12 0	11 0	11 8	...	...	...	...	...	...
	Etáwah	17 0	17 0	18 0	22 8	23 0	22 8	6 0	6 0	6 0	14 8	14 8	14 8	16 0	16 0	20 0	16 0	16 0	20 0
	Etah	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Jalaun	19 0	19 0	20 0	20 0	20 0	22 0	10 0	10 0	8 0	13 0	13 0	12 0	28 0	28 0	24 0	22 0	24 0	20 0
	Jhánsi	21 4	21 4	22 2	33 3	33 5	30 0	8 8	8 8	7 8	15 0	15 0	13 0	27 2½	29 3½	26 4	...	...	...
	Lalitpur	21 8	22 8	26 0	37 0	34 0	35 0	10 0	10 0	9 0	12 0	13 0	11 0	30 0	32 0	33 0	26 0	27 0	26 0
	Cawnpore	17 8	17 12	20 0	24 8	25 8	25 0	10 8	10 8	10 8	15 0	15 0	15 8	24 0	26 0	23 0	24 0	24 8	26 0
	Fatehpur	16 2	16 10	17 12	21 6	22 4	21 8	11 4	11 12	10 10	16 0	17 0	13 8	...	...	...	...	...	...
	Bánda	17 8	18 0	16 8	25 0	25 0	20 0	9 0	9 0	10 0	13 8	14 8	13 8	30 0	32 0	20 0	...	...	19 0
	Allahabad	16 10	17 2	17 8	24 0	25 0	23 12	11 8	11 8	11 0	17 8	17 8	16 0	28 0	30 0	25 8	27 0	28 4	24 0
	Hamirpur	15 0	16 0	15 14	22 0	22 10	...	10 0	13 12	10 10	...	...	15 12	22 0	25 0	16 10	...	...	17 8
	Jaunpur	18 5	19 1	20 13	28 15	28 4	28 15	8 7	8 7	7 12	16 14	16 14	15 8	...	...	...	22 9	22 9	19 12
	Gorakhpur	18 0	18 13	20 13¼	27 3	32 6½	43 3	14 6½	14 6½	15 3	18 13	18 13	20 13¼	...	...	45 0	...	...	18 12½
	Basti	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Azamgarh	19 3	19 3	20 10	30 4	28 0	31 0	8 14	8 14	8 14	17 11	17 11	14 12	...	...	...	20 10	20 10	...
	Mirzapur	16 8	16 0	18 0	23 0	25 0	26 0	10 0	10 0	10 0	18 0	18 0	16 0	26 0	28 0	28 0	26 0	26 0	26 0
	Benares	16 13	16 13	19 4	25 6	24 15	28 3	12 7	12 7	14 10	18 15½	18 15½	21 2½	28 3	28 11½	24 15	28 11½	27 10	29 4
	Gházipur	19 5	19 5	22 8	27 11	28 5	32 3	10 15½	10 15½	10 5	20 15½	20 15½	18 0	33 7½	33 7½	38 10	25 12	25 12	29 10
	Balia	16 4	17 0	21 4	26 4	28 12	38 12	10 0	10 0	10 0	17 8	17 8	22 8	...	...	...	...	...	...
	Pilibhít	17 10	18 12	22 8	29 12	28 10	35 0	14 8	14 12	15 2	16 4	16 12	17 8	18 12	...	...	...	...	...
Oudh.	Lucknow	16 7	16 9¾	20 0	23 9	23 6	26 15	6 0	6 0	6 0	14 1½	14 5	14 0	22 8	24 6½	27 0	23 4	23 10	23 1
	Unáo	17 0	19 0	19 0	24 0	26 0	24 0	10 0	11 0	7 0	16 0	16 0	13 0	...	...	26 0	...	...	23 0
	Bára Banki	16 4	18 0	20 0	24 0	25 0	27 0	10 0	10 0	8 0	15 0	17 0	14 0	31 0	28 0	28 0	20 0	20 0	18 0
	Sitápur	20 0	18 14	23 11	27 2	25 2	32 0	8 0	8 0	8 8	17 0	15 12	15 0	20 0	20 0	16 0	19 0	19 0	25 4
	Hardui	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kheri	19 0	18 0	24 0	28 0	27 0	34 0	7 0	7 0	9 0	15 0	15 0	14 0	30 0	25 0	...	...	...	...
	Fyzabad	17 0	16 12	19 4	25 0	23 8	28 0	11 4	11 8	10 0	17 8	17 8	14 0	...	30 0	...	...	...	...
	Bhárnich	17 0	17 0	23 0	38 0	38 0	42 0	9 0	9 0	9 0	18 0	18 0	17 0	32 0	33 0	40 0	13 0	13 0	18 0
	Gonda	19 8	19 4	24 12	34 8	36 12	42 0	15 12	16 0	17 8	17 8	18 0	18 12	36 8	38 0	40 0	24 4	24 8	28 0
	Rai Bareli	18 6	18 0	19 6	22 14	22 8	23 0	...	...	...	15 12	15 12	13 8	23 0	24 0	...	18 0	...	...
	Sultánpur	19 12	20 8	20 8	29 0	30 0	27 0	11 0	11 0	11 0	19 0	19 0	16 0	...	...	...	20 0	20 0	14 0
	Partábgarh	18 7	19 14	21 2	27 7	28 7	27 4	15 6	16 5	13 2	16 13	16 11	14 12	...	...	...	...	...	...
Punjab.	Delhi	18 8	18 0	18 12	24 0	23 8	24 12	...	...	...	15 0	15 0	13 0	24 0	24 0	20 0	20 0	19 0	18 4
	Gurgaon	19 4	19 0	19 0	24 0	24 0	25 4	...	...	...	13 0	13 0	13 0	22 0	22 0	20 0	20 0	20 0	20 0
	Karnal	18 8	19 0	18 0	29 0	30 0	29 0	...	...	...	13 0	13 0	11 0	23 0	28 0	24 0	16 0	16 0	22 0
	Hissar	17 0	18 0	15 8	30 0	29 0	20 0	...	...	...	10 0	10 0	10 0	30 0	28 0	20 0	25 0	26 0	19 0
	Rohtak	17 8	17 8	18 8	25 0	25 0	23 0	...	...	...	9 0	9 0	11 0	24 0	25 0	22 8	21 0	21 0	17 0
	Sirsa	22 0	21 8	16 0	38 0	40 14	27 0	...	...	...	13 0	14 0	11 0	38 0	39 6	24 0	30 8	31 0	20 0
	Umballa	21 4	21 12	19 4	30 0	30 8	26 0	...	...	...	12 0	12 0	12 0	32 0	32 0	25 0	28 0	28 0	19 0
	Ludhiana	23 0	24 8	19 0	32 0	34 0	27 0	...	...	...	12 0	12 0	12 0	37 0	38 0	21 0	30 0	30 0	22 0
	Simla	14 8	...	13 0	...	...	...	...	...	...	10 0	12 0	11 0	...	...	...	...	...	...
	Jullundur [a]	24 8	25 8	19 0	36 0	40 0	28 0	...	...	...	8 0	8 0	8 0	32 0	32 0	26 0	22 0	24 0	16 0
	Hoshiárpur	25 0	25 0	20 8	35 0	35 0	38 0	...	...	...	10 0	11 0	10 0	28 0	29 0	18 8	17 0	19 0	14 8
	Kangra	24 0	24 0	20 0	40 0	40 0	30 0	...	...	...	15 0	15 0	14 0	...	...	...	...	...	...

[a] Price of barley rising.

* Mandwa: Present 30 seers, past 30 seers, corresponding 29 seers and 8 chittacks.

INDIA FOR THE 2nd HALF OF JUNE 1882—*continued.*

IN SEERS OF 80 TOLAHS.																	AVERAGE WAGES PER MONTH.		
Lesser Millets, Ragi, &c. (Kavaru, Verugu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt.										
									Wholesale.			Retail.						
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Able-bodied Agricultural Labourer.	Syce or Horse-keeper.	Common Mason, Carpenter, or Blacksmith.
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. per maund.	Rs. A.	Rs. A.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	20 0	20 0	18 0	160 0	160 0	160 0	S. Ch. 11 8	S. Ch. 11 8	S. Ch. 10 0	11 0	11 8	9 0	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	22 0	23 10	22 8	132 0	132 0	132 0	11 8	11 8	10 0	11 4	11 4	...	...	...	...
...	...	...	21 0	21 12	21 0	110 0	110 0	115 0	12 0	12 0	10 0	11 8	11 8	9 8	...	...	...
...	...	...	21 2	21 0	22 0	130 0	120 0	140 0	11 8	11 8	10 0	...	...	...	...	...	...
...	...	...	21 8	21 8	20 8	130 0	130 0	120 0	12 0	12 8	...	11 8	12 0	...	...	...	...
...	...	...	12 0	12 0	12 8	200 0	200 0	200 0	7 0	7 0	7 0	6 0	6 0	6 0	...	...	...
...	...	...	9 0	9 0	10 0	200 0	200 0	200 0	7 8	7 8	7 8	7 0	7 0	7 0	...	...	...
...	...	...	19 11	19 10	21 6	135 0	135 0	135 0	...	...	...	10 2	11 4	9 2	...	...	...
...	...	...	20 15	21 4	19 6	162 8	162 8	125 0	12 0	12 7	...	11 14	12 3	10 10	...	...	...
...	...	...	18 4½	19 8	21 9¼	192 0	192 0	192 0	11 4	10 8	9 4½	10 3	10 0	10 3	...	...	...
...	...	...	20 0	20 0	20 10	125 0	125 0	125 0	11 14	11 14	9 11	11 4	11 4	11 4	...	...	...
...	...	...	20 0	20 12	21 4	190 0	200 0	160 0	12 8	13 0	10 0	12 0	12 0	9 8	...	...	...
...	...	...	17 8	17 8	18 0	120 0	124 0	120 0	11 4	11 4	9 4	11 0	11 0	9 0	...	...	...
...	...	...	21 4	21 8	19 8	120 0	120 0	150 0	14 0	12 5	...	12 0	12 0	10 12	...	...	...
...	...	...	20 8	21 4	21 0	100 0	100 0	100 0	12 8	12 8	11 0	12 0	12 0	10 8	...	...	...
...	...	...	21 6	20 8½	19 14	156 8	156 8	156 12	11 3½	11 9	9 11	10 12	10 14	9 11	...	...	...
...	...	...	20 0	20 0	19 0	160 0	160 0	160 0	10 8	10 8	...	10 0	10 0	9 0	...	...	...
...	...	...	22 0	22 0	21 8	100 0	120 0	120 0	10 8	10 8	10 8	10 0	10 0	9 8	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	28 0	27 0	23 0	140 0	140 0	120 0	12 0	12 0	...	11 0	11 0	10 0	...	...	...
...	...	...	27 4½	28 3½	25 9	200 0	200 0	200 0	11 14	13 0	9 0	11 2	12 0	8 8	...	...	...
...	...	...	32 0	32 0	35 0	140 0	160 0	120 0	11 0	12 0	...	10 12	11 8	8 8	...	...	...
...	...	...	23 8	24 8	23 0	140 0	150 0	165 0	12 12	12 12	...	12 8	12 8	10 8	...	...	...
...	...	...	21 10	22 8	22 0	200 0	200 0	200 0	9 10	9 10	...	9 6	9 6	9 4	...	...	...
...	...	...	29 0	29 0	20 8	160 0	160 0	200 0	11 12	11 12	...	11 4	11 4	9 8	...	...	...
...	...	...	23 2	24 12	23 0	130 0	140 0	160 0	11 8	11 4	...	10 12	10 6	...	...	...	...
...	...	...	26 0	26 0	17 12	140 0	140 0	140 0	10 11	10 0	...	10 0	9 12	9 13	...	...	...
...	...	...	25 7	25 6	26 2	169 8	169 8	141 4	9 11	9 11	...	9 9	9 9	8 15	...	...	...
...	...	...	26 0	29 10	36 0	160 0	160 0	120 0	10 13	11 13	...	9 6½	9 9½	7 9½	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	25 1	24 6	28 0	147 8	147 8	150 0	9 3	9 3	7 14	8 8	8 8	8 2	...	...	...
...	...	...	22 0	24 0	22 0	100 0	100 0	90 0	10 0	10 0	9 0	8 0	8 0	8 0	...	...	...
...	...	...	23 5	24 1	23 14	120 0	120 0	120 0	11 4	11 4	...	10 2	9 12	9 9	...	...	...
...	...	...	27 11	28 15½	30 4	103 0	103 0	154 8	10 5	10 5	...	9 10½	9 10½	9 1	...	...	...
...	...	...	28 12	28 12	33 12	100 0	100 0	125 0	10 0	10 0	9 6	10 0	10 4	...	...	...	...
...	...	...	18 8	18 8	22 5	150 0	150 0	150 0	12 12	12 8	11 12	11 12	11 8	11 8	...	...	...
...	...	...	20 11	20 9½	21 10	120 0	120 0	140 0	10 0	10 0	9 8	9 8	9 8	9 0	...	...	...
...	...	...	22 0	23 0	19 8	160 0	160 0	160 0	...	...	...	11 0	11 0	9 0	...	...	...
...	...	...	22 0	22 0	23 0	130 0	130 0	130 0	12 0	12 0	10 0	10 0	9 8	9 0	...	...	...
...	...	...	20 4	19 8	24 12	160 0	160 0	160 0	11 8	11 0	...	10 8	10 8	9 8	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	18 8	18 8	25 0	200 0	200 0	200 0	11 4	10 8	10 8	10 0	10 0	10 0	...	...	...
...	...	...	22 12	23 0	24 12	120 0	120 0	120 0	12 0	12 0	8 8	11 0	10 0	9 0	...	...	...
...	...	...	27 0	27 0	26 0	200 0	200 0	160 0	...	...	...	9 0	9 0	8 4	...	...	...
...	...	...	26 12	25 12	28 6	240 0	240 0	200 0	11 8	11 0	...	11 0	10 12	9 0	...	...	...
...	...	...	19 12	19 4	19 0	160 0	160 0	160 0	...	...	...	9 0	9 0	8 0	...	...	...
...	...	...	26 0	27 8	23 0	160 0	160 0	160 0	12 0	12 0	9 12	11 12	11 12	9 8	...	...	...
...	...	...	23 3	24 3	20 2	200 0	200 0	200 0	11 0	11 0	11 0	10 11	10 10	8 9	...	...	...
...	...	...	22 12	22 0	19 12	100 0	90 0	80 0	12 8	12 8	...	11 8	12 0	11 8	5 0 0	6 0 0	6 0 0
...	...	...	20 0	22 0	20 8	140 0	140 0	120 0	12 0	12 0	...	12 0	12 0	10 0	5 10 0	5 0 0	9 6 0
...	...	...	23 8	24 0	22 8	160 0	160 0	160 0	11 14	1 14	...	11 8	11 8	10 8	4 11 0	4 8 0	10 4 0
...	...	...	28 0	26 0	22 0	80 0	80 0	100 0	10 8	11 8	...	10 0	11 0	10 0	3 12 0	5 0 0	7 8 0
...	...	...	24 0	24 8	21 8	100 0	100 0	100 0	11 3	11 6	...	10 10	11 4	10 8	5 0 0	5 0 0	9 0 0
...	...	...	35 0	37 6	26 0	120 0	120 0	120 0	11 0	11 12	...	10 8	11 8	9 0	5 0 0	5 0 0	10 0 0
...	...	...	24 8	26 4	22 4	130 0	130 0	160 0	13 10	13 8	...	13 4	13 4	11 4	7 8 0	5 0 0	10 5 0
...	...	...	28 8	29 12	24 0	100 0	100 0	100 0	14 14	14 14	...	14 8	14 8	11 8	5 0 0	5 0 0	10 0 0
...	...	...	16 8	...	15 0	80 0	80 0	80 0	10 1	10 8	...	9 4	9 13	8 12	7 8 0	6 0 0	12 0 0
...	...	...	28 0	28 8	21 8	100 0	100 0	110 0	14 4	14 8	...	13 8	14 0	11 0	6 0 0	5 0 0	10 0 0
...	...	...	27 0	27 0	21 8	110 0	120 0	140 0	14 0	14 0	...	13 8	13 8	11 3	5 0 0	5 0 0	12 0 0
...	...	...	23 0	23 0	17 8	140 0	140 0	160 0	11 0	11 0	...	10 0	10 0	9 0	4 0 0	6 0 0	15 0 0

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPEE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Punjab—*continued.*	Amritsar	24 8	25 8	19 8	37 4	39 0	26 8	...	...	...	12 0	12 8	11 0	25 8	28 4	19 0	23 8	24 8	16 8
	Siálkot	26 0	25 12	19 0	41 0	37 8	29 0	...	...	...	15 0	16 0	13 0	27 0	26 0	15 8	24 0	24 0	12 0
	Gurdáspur	30 0	30 0	22 8	40 0	40 0	28 0	...	...	...	16 0	16 0	12 0	28 0	28 0	14 0	14 0	14 0	13 0
	Lahore	23 0	23 0	18 0	35 0	33 0	27 0	...	...	...	10 0	10 0	9 0	28 0	28 0	18 0	22 0	22 0	15 0
	Ferozepore [a]	23 0	23 0	18 8	35 0	35 0	26 8	...	...	...	11 0	11 0	12 0	32 0	36 0	...	35 0	36 0	...
	Gujránwála [a]	24 4	23 8	18 8	40 0	38 0	30 0	...	...	...	13 0	12 0	12 0	26 0	30 0	18 0	20 0	20 0	16 0
	Ráwalpindi	21 4	20 0	12 0	31 0	29 0	21 0	...	...	...	7 12	7 12	6 8	21 0	21 0	16 0	23 0	24 0	15 0
	Jhelum	23 0	23 0	15 0	30 0	30 0	22 0	...	...	...	11 0	11 0	8 0	23 0	23 0	15 0	20 0	22 0	16 0
	Gujrát	27 5	26 8	19 0	39 8	38 8	28 0	...	...	...	12 0	12 0	8 0	21 0	21 0	18 0	28 0	28 0	16 0
	Shahpúr	20 0	20 0	16 0	31 0	31 8	24 0	...	...	...	13 0	13 0	10 0	19 0	20 0	14 0	19 0	20 0	14 0
	Mooltan	16 8	17 8	14 0	24 0	23 0	20 8	...	...	...	10 0	10 0	8 0	25 0	24 0	15 0	24 0	24 0	13 0
	Jhang	21 0	18 8	15 8	31 0	28 0	23 0	...	...	...	12 0	11 0	8 0	14 0	14 0	12 0	18 0	16 0	14 0
	Montgomery	19 8	19 8	17 0	27 0	24 0	20 0	...	...	...	5 8	5 8	5 8	20 0	...	...	...	...	...
	Muzaffargarh	18 8	21 0	16 0	27 0	28 0	23 0	...	...	...	5 0	5 0	5 0	18 0	19 0	14 0	18 0	20 0	13 0
	Dera Ismail Khán	17 15	18 1	16 11	26 7	27 3	25 8	...	...	...	8 2	8 12	7 8	27 8	27 8	15 0	23 12	24 2	15 10
	Dera Gházi Khán [b]	18 2	18 2	15 10	25 10	26 4	20 4	...	...	...	7 8	7 8	7 8	22 8	22 8	15 0	20 0	25 0	13 12
	Bannu	27 8	25 5	19 1	40 0	36 4	20 10	...	...	...	10 0	10 0	6 4	28 12	28 12	15 0	22 8	20 0	15 0
	Peshawar	18 4	18 0	10 1	36 2	35 12	21 12	...	...	...	9 8	9 8	6 5	27 12	26 8	13 13	12 10	13 6	9 13
	Kohát	15 5	15 15	11 14	31 14	31 14	22 15	...	...	...	12 2	11 8	7 10	22 14	22 5	14 0	20 6	19 2	...
	Házára	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Central Provinces.	Nágpur	16 8	17 4	20 0	...	...	...	8 8	8 8	9 12	16 0	14 12	14 0	24 12	24 12	28 0	...	...	...
	Bhandára	19 4	20 8	25 0	...	...	...	10 0	10 4	10 0	20 0	16 8	17 8	24 12	24 8	27 8	...	...	...
	Chánda	17 0	17 8	22 8	...	...	...	...	...	...	13 0	12 0	14 0	21 0	21 8	31 0	...	...	...
	Wardha	20 4	20 4	23 4	...	...	...	8 12	8 12	8 12	16 4	16 0	11 8	25 0	25 0	30 0	...	...	...
	Bálaghát	17 0	17 0	25 0	...	...	...	15 0	15 0	15 0	22 0	22 0	25 0	...	...	...	...	...	...
	Jubbulpore	16 8	17 0	21 8	20 0	22 0	24 0	10 0	10 0	10 0	15 0	19 0	17 0	...	29 0	33 0	16 0	18 8	22 0
	Saugor	19 0	19 0	33 0	...	...	...	8 0	8 0	8 0	9 0	9 0	9 0	...	...	...	...	...	...
	Damoh	23 0	21 12	44 0	...	...	...	13 8	13 8	12 12	14 8	14 8	13 12	...	...	...	...	...	...
	Seoni	17 8	18 0	24 0	...	...	...	12 8	12 8	11 8	16 0	16 0	17 8	...	...	...	...	...	...
	Mandla	20 8	20 0	32 0	...	...	...	16 8	15 8	16 0	19 8	19 0	22 0	...	...	...	...	...	...
	Betúl	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chhindwára	18 0	20 0	24 0	...	...	...	8 0	9 0	10 0	14 0	14 0	14 0	24 0	23 0	35 0	...	...	...
	Hoshangabad	14 6	14 6	18 6	...	...	...	4 0	4 0	4 2	11 4	11 4	8 12	21 0	24 0	32 0	18 0	22 0	18 0
	Narsinghpur	14 8	15 0	21 8	...	...	...	10 0	10 0	10 8	13 8	13 8	12 0	...	...	...	...	...	...
	Nimár	14 7	14 0	18 0	...	...	...	...	...	...	11 11	11 8	10 8	21 4	22 8	40 0	21 9	22 13	31 0
	Raipur	29 0	30 0	40 0	...	...	...	21 0	19 0	20 0	40 0	34 0	33 0	...	...	...	...	...	...
	Sambalpur	28 0	28 0	24 0	...	...	...	40 0	40 0	34 0	47 0	52 0	42 0	...	...	...	...	...	...
	Biláspur	54 0	54 0	63 0	...	...	...	54 0	61 0	32 0	81 0	90 0	59 0	...	...	...	...	...	...
British Burma.	*Arakan Division.*																		
	Akyab	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Northern Arakan																		
	Kyoukpyoo																		
	Sandoway																		
	Pegu Division.																		
	Rangoon town and Hanthawaddy																		
	Tharrawaddy																		
	Prome																		
	Irrawaddy Division.																		
	Henzada																		
	Bassein																		
	Thonegwa																		
	Thayetmyo																		
	Tenasserim Division.																		
	Moulmein town and Amherst																		
	Tavoy																		
	Mergui																		
	Toungoo																		
	Shwaygyin																		
	Salween																		
Hyderabad Assigned Districts.	Secunderabad	16 5	15 2	15 2	...	...	...	6 13	6 13	7 14	9 13	9 13	9 9	23 14	23 0	23 0	...	...	...
	Bolarum	16 11	17 8	16 6	...	...	...	7 1	7 1	8 1	8 12	8 12	9 9	23 7	26 11	24 7	...	...	...
	Chudderghat	13 0	15 0	9 0	...	...	...	6 0	7 0	6 0	8 0	8 12	8 8	24 0	26 0	21 0	33 0	33 0	30 0
	Amráoti	16 0	16 0	21 0	10 0	10 8	9 8	8 0	8 0	7 0	10 0	10 0	8 0	26 0	27 0	36 0	20 0	24 0	26 0
	Akola	16 0	16 0	19 0	...	...	...	8 0	10 0	8 0	12 0	12 0	10 0	30 0	30 0	36 0	24 0	23 0	24 0
	Ellichpur	14 0	14 0	20 0	8 0	8 0	12 0	6 0	6 0	8 0	8 0	8 0	10 0	22 0	22 0	27 0	20 0	20 0	26 0
	Buldana	19 0	20 0	27 0	...	...	...	...	...	...	11 0	11 0	11 0	32 0	32 0	52 0	28 0	30 0	28 0
	Wun	14 0	14 0	17 0	...	...	...	7 0	7 0	7 0	10 8	10 8	11 0	30 0	30 0	35 0	...	...	...
	Basim	20 0	21 0	21 4	...	...	...	5 0	5 4	5 0	13 0	13 0	13 12	32 0	30 0	47 0	...	...	...

[a] Price of jowar rising.

[b] Price of bajra rising.

INDIA FOR THE 2nd HALF OF JUNE 1882—*continued.*

IN SEERS OF 80 TOLAHS.																					AVERAGE WAGES PER MONTH.		
Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt.									Able-bodied Agricultural Labourer.	Syce or Horse-keeper.	Common Mason, Carpenter or Blacksmith.
									Wholesale.			Retail.								
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.									
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.				Rs. A. P.	Rs. A. P.	Rs. A. P.
...	...	...	32 4	32 12	22 0	80 0	80 0	90 0	14 13	15 4	...	14 7	14 14	12 5				6 0 0	6 0 0	12 5 0
...	...	...	27 8	27 0	18 0	140 0	130 0	140 0	15 4	15 0	...	15 0	15 0	12 0				4 8 0	5 8 0	11 0 0
...	...	...	32 0	33 0	22 0	120 0	120 0	120 0	13 4	13 4	...	12 8	12 8	11 0				4 0 0	5 0 0	10 0 0
...	...	...	30 0	29 0	20 0	80 0	80 0	100 0	15 0	15 0	...	14 0	14 0	11 0				5 0 0	6 0 0	15 0 0
...	...	...	32 8	31 0	23 12	65 0	70 0	70 0	13 0	13 4	...	13 0	13 0	14 8				5 2 0	5 8 0	11 10 0
...	...	...	28 0	28 0	18 12	95 0	95 0	95 0	15 4	15 4	...	15 0	15 0	12 0				3 4 0	5 0 0	9 8 0
...	...	...	22 14	22 4	15 8	90 0	100 0	40 0	15 0	15 0	...	14 12	14 12	11 14				8 0 0	8 0 0	13 3 0
...	...	...	23 8	23 0	15 8	120 0	120 0	90 0	16 8	16 8	...	16 0	16 0	13 0				6 0 0	8 0 0	21 0 0
...	...	...	26 2	25 8	18 0	100 0	100 0	100 0	...*	...*	...	15 0	15 0	12 4				4 0 0	5 0 0	10 0 0
...	...	...	24 0	24 8	20 0	320 0	320 0	320 0	17 0	17 0	...	16 0	16 0	14 0				4 8 0	5 8 0	13 8 0
...	...	...	23 0	22 8	17 0	90 0	90 0	80 0	15 0	13 12	...	14 8	13 8	12 0				6 8 0	6 8 0	6 8 0
...	...	...	26 0	23 12	18 0	200 0	200 0	200 0	15 0	14 8	...	14 4	14 0	12 8				6 0 0	5 0 0	12 0 0
...	...	...	26 0	24 0	19 0	200 0	200 0	200 0	11 8	11 8	...	10 8	10 8	10 8				6 0 0	6 0 0	18 12 0
...	...	...	19 0	20 8	16 0	80 0	80 0	100 0	...*	...*	...	13 0	13 8	11 0				6 0 0	6 0 0	15 0 0
...	...	...	24 0	24 6	23 13	100 0	100 0	100 0	55 0	55 0	...	53 0	53 0	50 0				5 10 0	6 0 0	15 0 0
...	...	...	20 10	22 8	18 12	100 0	160 0	125 0	28 12	27 8	...	26 4	25 0	25 0				4 0 0	6 0 0	15 0 0
...	...	...	25 10	28 12	29 6	80 0	80 0	80 0	100 0	100 0	...	80 0	80 0	80 0				5 10 0	6 0 0	13 12 0
...	...	...	18 0	18 4	12 14	91 0	91 0	66 8	55 4	55 4	...	53 0	53 0	40 12				7 0 0	7 0 0	26 4 0
...	...	...	17 14	18 8	13 11	76 8	76 8	64 0	109 0	91 0	...	95 0	80 0	40 13				9 0 0	8 0 0	25 0 0
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				...	...	...
...	...	...	22 4	22 4	21 0	130 0	130 0	120 0	11 8	11 8	10 8	11 4	11 4	10 4				4 0 0	5 0 0	15 0 0
...	...	...	24 0	24 12	27 8	...	...	...	11 0	11 0	10 8	10 12	10 12	10 0				4 0 0	5 0 0	15 0 0
...	...	...	25 0	28 0	24 8	360 0	360 0	360 0	...	...	...	10 0	10 8	9 8				...	...	...
...	...	...	24 0	24 0	23 8	120 0	130 0	135 0	12 4	12 4	10 12	12 0	12 0	10 8				4 0 0	6 0 0	8 0 0
...	...	...	28 0	28 0	34 12	275 0	275 0	275 0	10 0	10 0	...	10 0	10 0	9 0				3 0 0	4 0 0	15 0 0
...	...	...	28 0	28 8	34 0	120 0	120 0	120 0	11 14	11 8	...	11 8	11 0	9 8				5 0 0	6 0 0	15 0 0
...	...	...	24 0	25 0	40 0	160 0	160 0	140 0	8 8	8 8	...	8 4	8 4	7 4				2 8 0	7 0 0	9 0 0
...	...	...	39 0	34 0	49 0	200 0	200 0	200 0	8 8	9 8	6 12	8 4	9 4	6 8				6 0 0	6 0 0	11 0 0
...	...	...	23 8	23 8	34 0	220 0	220 0	200 0	10 0	10 0	7 8	9 8	9 8	7 4				4 0 0	4 0 0	12 0 0
25 0	30 0	32 0	35 0	32 0	55 0	240 0	256 0	256 0	...	...	...	9 8	9 0	6 8				3 12 0	4 0 0	11 0 0
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				...	...	...
...	18 0	26 0	25 0	24 0	34 0	200 0	200 0	200 0	10 0	10 0	9 0	9 0	9 0	8 0				...	...	...
...	...	...	24 12	21 6	30 8	160 0	106 0	120 0	8 14	8 7	...	8 5	8 2	5 2				6 0 0	7 0 0	15 0 0
...	...	...	24 0	24 0	39 0	160 0	160 0	160 0	10 4	10 4	8 0	9 12	9 12	7 12				2 8 0	5 0 0	10 0 0
...	...	...	20 13	20 0	26 8	144 0	160 0	160 0	13 8	13 8	9 8	13 0	13 0	9 0				6 0 0	8 0 0	20 0 0
...	...	...	32 0	32 0	35 8	60 0	60 0	70 0	7 14	9 0	8 4	7 12	8 8	7 12				3 0 0	5 0 0	6 0 0
...	...	...	28 0	32 0	28 0	120 0	120 0	220 0	9 0	9 0	5 0	8 8	8 8	4 8				...	...	...
150 0	100 0	120 0	48 0	48 0	60 0	120 0	120 0	130 0	...	...	...	7 0	7 0	7 4				3 0 0	4 0 0	6 0 0
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...				...	...	...
...	...	...	17 4	17 4	21 0	125 0	130 0	125 0	10 8	10 11	9 8	10 0	10 3	9 1				...	...	...
...	...	...	17 13	20 4	20 9	116 14	116 14	116 14	...	...	...	10 12	10 12	9 8				...	...	...
...	...	...	17 0	19 0	24 0	80 0	80 0	80 0	...	...	...	9 8	9 8	8 12				...	...	...
...	...	...	20 0	20 0	21 0	64 0	70 0	70 0	12 0	12 8	11 8	11 8	12 0	11 0				7 0 0	6 0 0	15 0 0
7 0	7 0	7 8	21 0	21 0	24 0	64 0	64 0	64 0	11 0	11 0	9 0	10 0	10 0	9 0				7 0 0	7 8 0	15 0 0
...	...	...	16 0	16 0	23 0	...	...	...	...	...	...	10 0	10 0	10 0				6 0 0	7 0 0	15 0 0
...	...	...	24 0	28 0	35 0	...	...	...	...	...	...	10 0	11 0	10 0				5 10 0	7 8 0	22 8 0
...	...	...	22 0	22 0	23 0	100 0	100 0	100 0	...	...	...	8 0	8 0	8 0				5 10 0	7 0 0	15 0 0
...	...	...	25 0	26 0	27 0	64 0	64 0	64 0	11 8	10 0	8 8	11 0	9 8	8 0				6 0 0	6 0 0	15 0 0

* Salt not sold wholesale.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPEE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Mysore.	Bangalore	12 2	11 14	12 3	13 1	12 14	13 4	10 2	10 0	9 10	11 1	11 7	11 11	24 12	25 0	23 1	...	...	...
	Kolar	...	...	...	...	12 0	...	13 15	13 2	11 14	15 3	15 3	14 15	...	...	...	...	...	...
	Túmkúr	14 8	14 8	14 8	13 0	13 0	12 0	12 0	12 0	12 0	12 8	12 8	14 0	...	...	...	...	...	...
	Mysore	10 4	11 0	10 0	...	...	...	10 12	10 0	11 1	11 12	10 12	11 12	...	...	...	...	...	...
	Hassan	12 0	12 0	12 0	13 0	13 0	13 0	10 0	10 0	12 0	11 0	11 0	12 8	...	...	...	...	...	...
	Shimoga	12 10	14 11	14 11	14 11	15 12	15 12	10 8	10 8	13 2	12 10	14 3	16 13	27 5	25 4	47 12	..	...	...
	Kadur	16 0	16 0	14 0	15 0	15 0	...	12 0	12 0	18 0	14 0	14 0	19 0	...	...	...	...	...	...
	Chitaldroog	16 0	16 0	16 0	18 0	18 0	20 0	12 0	11 0	12 0	13 0	12 0	13 0	36 0	32 0	48 0	28 0	28 0	48 0
Coorg	Coorg	7 15	8 9	9 0	8 7	9 2	10 0	10 11	10 10	11 8	13 2	13 13	17 10	...	...	...	...	...	...
Rajpootana.	Jeypore	16 8	16 4	15 12	22 0	21 0	21 8	6 0	6 0	6 4	9 0	9 0	8 12	20 0	20 0	24 0	19 0	19 0	19 0
	Kishengurh	15 8	15 12	17 8	22 0	22 8	27 0	7 0	9 0	8 8	8 0	10 8	9 0	22 0	23 8	26 8	19 0	20 0	21 0
	Kerrowlee	17 0	17 0	*	20 0	20 0	*	13 8	13 8	*	15 0	15 0	*	20 0	20 0	*	17 8	17 8	*
	Ulwur	17 0	17 6	17 2	21 8	21 11	21 2	8 0	8 0	8 0	11 11	11 11	10 10	22 2	21 13	21 1	16 0	16 8	19 0
	Bhurtpore (City)	17 8	17 8	17 4	22 8	22 8	23 0	6 8	6 8	6 4	11 0	11 0	7 8	23 8	23 8	25 4	19 8	19 8	19 12
	Ajmere	14 8	15 8	15 8	21 0	21 8	23 0	5 0	5 0	5 0	8 0	8 0	8 0	19 0	18 0	20 0	16 0	16 0	19 0
	Deoli Cantonment	16 0	16 5	18 6	19 5	20 4	23 15	...	...	...	10 8	10 8	10 0	20 0	21 7	27 0	16 1	17 0	22 0
	Erinpura	16 10	17 3	18 0	29 0	29 14	26 8	...	...	...	8 0	8 0	7 0	25 0	25 0	23 0	23 0	22 0	23 0
	Sirohee	17 0	17 0	...	28 0	28 0	...	7 0	7 0	...	8 4	8 8	...	17 0	18 0	...	21 0	21 0	...
	Abu	15 6	15 2	14 8	22 12	22 12	22 12	6 8	6 8	5 8	8 0	8 0	8 0	...	...	...	18 4	18 4	18 1[illegible]
	Anadra	17 2	17 4	16 4	26 4	26 8	28 0	7 0	7 0	6 0	9 0	9 0	8 8	...	...	...	21 0	21 4	21 8
	Hilly Tracts of Meywar	18 8	19 0	23 0	26 0	26 0	46 0	...	...	...	17 0	19 0	15 0	...	...	...	...	...	...
	Meywar (Oodeypore)	14 1	13 13¾	16 0¼	18 5¾	17 15½	21 7¾	10 15	10 2½	9 6	...	...	...	...	...	...	...	...	...
	Bánswára (Meywar Agency)	21 4	21 4	28 12	...	...	...	10 0	10 0	7 8	18 12	17 8	17 8	...	...	...	...	...	...
	Partábgarh („)	15 5	15 2	21 4	...	...	...	10 15	10 5	7 8	13 7	13 5	13 12	...	...	...	...	...	...
	Marwar (Jodhpore)	14 11	15 10	14 8	20 0	21 4	18 12	6 4	6 4	5 0	6 14	7 8	6 4	20 0	21 4	18 12	17 8	18 12	17 8
	Bikaneer	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Boondee	16 8	17 0	25 0	25 8	25 0	32 0	9 8	9 0	7 0	10 0	9 8	9 0	26 0	26 0	32 0	...	...	28 0
	Kotah	16 4	17 4	25 4	21 0	22 0	32 0	8 12	8 12	7 12	11 0	11 0	10 0	20 0	21 0	40 8	16 0	16 0	20 0
	Tonk	13 14	14 2	18 11	19 6	20 5	27 0	7 0	7 0	7 0	10 0	10 0	8 15	20 15	21 5	29 5	16 0	18 10	25 4
	Jhallawar	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Shahpoora	17 12	17 12	19 0	21 0	21 2	24 0	10 0	10 8	9 0	13 8	14 0	13 12	18 0	19 12	26 12	17 0	18 0	15 0
	Dholpur	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Central India.	Indore	14 12	14 2	20 0	...	...	...	9 3	8 9	8 0	10 14	10 0	9 3	20 0	20 0	38 8	19 3	20 0	30 0
	Gwalior	14 12	15 7	15 11	20 9	21 0	19 11	7 5	7 5	6 12	9 10	9 10	9 8	19 3	20 2	19 11	15 9	15 9	14 10
	Goona	20 0	21 0	26 8	17 0	17 0	20 0	9 8	9 8	9 4	10 0	10 0	10 0	24 0	24 0	35 0	17 0	17 0	20 0
	Baghelkhand (Sutna)	21 0	21 0	22 4	33 6	33 12	33 3	8 0	8 0	9 0	19 1	18 14½	19 1	35 0	35 0	29 14	24 0	24 0	21 1

* Not received.

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch.*)

INDIA FOR THE 2nd HALF OF JUNE 1882—*concluded.*

IN SEERS OF 80 TOLAHS.																		AVERAGE WAGES PER MONTH.		
Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt.						Able-bodied Agricultural Labourer.	Syce or Horse-keeper.	Common Mason, Carpenter, or Blacksmith.
									Wholesale.			Retail.								
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.						
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch	Rs. A. P.	Rs. A. P.	Rs. A. P.
25 12	25 8	30 15	29 4	29 8	33 12	96 0	84 0	84 0	12 4*	12 4	10 8	11 11*	11 11	10 0	...	...	...
28 13	31 0	33 0	31 15	31 6	42 3	172 6	172 6	172 6	12 10*	12 4	11 5	12 5*	12 0	11 1	...	...	...
23 0	32 0	35 0	36 0	36 0	38 0	340 0	340 0	340 0	11 0†	11 0	12 8	10 8†	10 8	12 0	...	...	...
20 0	19 0	22 13	27 0	27 0	33 5	72 0	72 0	81 0	8 4*	8 4	7 12	8 0*	8 0	7 10	...	...	...
24 0	23 0	30 0	28 0	26 0	30 0	600 0	600 0	600 0	...	...	...	9 0*	8 0	7 0	...	...	...
27 14	28 14	43 0	29 6	26 4	38 14	480 0	480 0	480 0	10 8*	10 8	...	10 0*	9 7	8 6	...	...	...
25 0	24 0	36 0	23 0	22 0	24 0	64 0	64 0	64 0	...	...	...	11 0*	10 0	9 0	...	...	...
40 0	32 0	50 10	28 0	28 0	48 0	100 0	100 0	100 0	12 0†	12 0	16 0	12 0†	12 0	16 0	...	...	...
19 7	19 13	32 12	21 11	21 14	32 6	110 0	110 0	110 0	9 7	10 8	...	8 10	9 8	8 4	7 8 0	8 0 0	22 8 0
...	...	...	17 8	18 8	18 0	...	...	...	13 8	14 0	...	13 8	13 8	11 0	4 0 0	5 to 6	8 to 10
...	...	...	21 8	21 12	26 8	...	...	...	...	...	...	16 0	16 12	12 8	4 0 0	5 to 6	8 to 10
...	...	...	19 0	19 0	*	...	...	...	13 10	13 10	*	13 8	13 8	*	*	*	*
...	...	...	20 15	20 13	17 15	...	...	...	15 13	15 13	...	15 6	15 6	12 8	...	...	...
...	...	...	20 8	20 8	18 8	...	...	...	14 8	14 8	...	14 0	14 0	12 8	3 8 0	4 0 0	3-8 to 10
...	...	...	20 8	21 8	20 0	70 0	70 0	60 0	...	...	...	15 0	15 0	12 0	...	...	...
...	...	...	19 2	20 6	21 2	...	...	...	...	...	...	13 1	13 10	12 8	...	...	...
									Rs. A. P.	Rs. A. P. per md.	Rs. A. P						
...	...	...	23 0	23 2	21 8	170 0	170 0	160 0	3 1 2	3 1 2	...	12 0	12 0	11 0	...	...	...
...	...	...	20 8	21 8	...	160 0	160 0	...	3 5 0	3 5 0	...	11 7	11 7	...	...	...	...
...	...	...	18 12	18 4	16 6	160 0	160 0	160 0	3 12 0	3 8 0	...	10 8	10 8	10 8	...	...	...
...	...	...	21 0	21 0	18 12	...	...	...	3 8 0	3 8 0	...	11 8	11 8	11 8	...	...	...
...	...	...	24 0	24 0	32 0	†	†	†	...	...	...	10 8	10 0	8 8	...	...	...
									S. Ch.	S. Ch.	S. Ch.						
...	...	...	16 12¼	16 12¾	21 14	200 0	200 0	200 0	10 2½	9 12¼	...	9 12¼	9 6	6 7	...	...	...
...	...	...	35 0	31 4	50 0	...	...	...	...	...	...	11 4	11 4	9 1	4 0 0	4 0 0	9 to 15
...	...	...	19 11	19 1	31 4	...	...	...	...	...	...	10 0	10 0	8 12	6 0 0	4 13 0	12 to 16
									Rs. A. P.	Rs. A. P. per md.	Rs. A. P.						
...	...	...	18 2	20 0	13 12	...	...	...	2 9 0	2 9 0	...	15 0	15 0	15 0	...	...	...
									S. Ch.	S. Ch.	S. Ch.						
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	24 8	25 12	32 0	140 0	140 0	160 0	11 12	12 0	9 0	11 8	11 12	...	5 10 0	5 10 0	7-8 to 15 0
...	...	...	23 8	24 12	32 8	240 0	240 0	240 0	12 4	12 0	...	11 12	11 8	8 12	...	...	...
...	...	...	18 15	19 10	25 4	160 0	160 0	95 0	12 10	13 4	10 12	12 7	13 0	...	3 12 0	2 13 0	7 8 0
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	19 6	19 8	22 8	160 0	160 0	160 0	13 8	13 8	10 5	13 4	13 4	...	4 11 0	4 11 0	9 6 0
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	18 7	18 0	26 10	100 0	100 0	100 0	11 8	11 0	...	10 14	10 0	6 10	5 0 0	6 0 0	12 0 0
...	...	...	18 15	26 1	16 12	109 8	109 8	127 12	...	...	...	11 5	11 5	9 10	4 0 0	5 0 0	10 0 0
...	...	...	24 0	24 3	35 8	200 0	200 0	200 0	11 8	12 0	...	11 0	11 8	10 0	4 to 5	4 to 5	10 to 15
...	...	...	29 8	30 0	27 13	160 0	160 0	160 0	12 1	12 8	11 0	11 5	11 12	10 4	3 8 0	4 8 0	10 0 0

* Sea Salt. † Earth Salt. ‡ Eight pies per man's load.

D. M. BARBOUR,
Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENT OF PRICES CURRENT OF FOOD-GRAINS FOR THE 2nd HALF OF MAY 1882, PUBLISHED IN PAGES 886 AND 887 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 24th JUNE 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Province.	District.	Wheat.			Barley.			Rice. Best sort.			Rice. Common.			Great Millet (Cholum, Jowar), *Holcus Sorghum.*			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.*			Lesser Millets, Ragi, &c. (Kavaru, Veragoo, Sawee, Cheena, Coraloo, Murhwa, Nuglee, &c.), *Panicum Miliaceum, Eleusine Coracana, &c.*			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.		
		Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.
		S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.
Madras.	Nilgiris	9 14	9 14	10 10	...	...	...	9 10	9 10	11 3	12 0	12 0	12 0	20 0	18 5	20 0	19 10	19 10	21 0	20 3	20 3	21 10	21 10	21 10	27 6	121 8	121 8	121 8	11 0	11 0	9 3	11 0	11 0	9 3

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch.*)

D. M. BARBOUR,
Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION OPERATIONS OF FASL KHARIF, N.-W. PROVINCES, 1882, UP TO 31st MAY 1882.

Canal Division.	Water distributed during May 1882. Depth in canal at regulating gauge in feet. Full supply.	Actual average throughout.	Gross consumption, cubic feet per second. Allotted discharge.	Actual average throughout.	Total area of irrigation during current fasl.	Total area for the corresponding period of last year.
Upper Ganges. Northern	10·00	...	740	527	30,605	17,960
Upper Ganges. Anúpshahr	6·80	...	700	993	48,031	40,058
Upper Ganges. Meerut	8·30	...	969	1,477	51,368	39,921
Upper Ganges. Bulandshahr	7·35	...	972	950	46,240	47,070
Upper Ganges. Aligarh	5·50	...	994	815	61,186	63,091
Lower Ganges. Narora	...	...	...	255	11,649	9,606
Lower Ganges. Mainpuri	...	...	...	500	28,335	24,919
Lower Ganges. Cawnpore	6·20	...	958	643	44,111	47,515
Lower Ganges. Etáwah	4·80	...	771	974	55,191	60,395
Lower Ganges. Bhognipur	...	...	...	564	19,868	15,431
Total, Upper and Lower Ganges Canals	...	...	...	7,698	396,584	365,966
Eastern Jumna Canal	...	...	1,250	1,075	50,342	43,213
Agra Canal	...	...	2,000	892	25,856	24,598
Rohilkhand	...	...	...	140	11,287	8,574
Bijnor	...	...	...	...	718	3,088
Dún	...	...	...	114	2,030	2,059
Jhánsi	...	...	...	...	23	13
Hamírpur	...	...	...	...	27	12
Total	...	...	...	...	486,867	447,523

Zila.	Land irrigated (approximate). Sugarcane.	Indigo.	Rice.	Cotton.	Other food-grains.	Fodder crops.	Miscellaneous.	Total.	Rainfall. Total from 1st April to 31st May 1882.	Average of ten previous years for the same period.
Saháranpur	18,580	1,730	639	72	17	54	1,071	22,163	·4	·99
Muzaffarnagar	46,460	3,769	2,166	199	37	177	740	53,548	1·1	1·0
Meerut	71,160	14,945	1,540	1,062	357	540	935	90,539	·77	·57
Bulandshahr	8,597	47,023	92	1,414	245	105	947	58,423	·9	·55
Aligarh	1,182	42,926	116	460	194	72	511	45,461	·5	·23
Muttra	1,635	6,981	...	2,837	...	46	998	12,497	...	·48
Agra	1,117	5,169	2	186	61	6	664	7,205	·8	·77
Etah	3,783	23,301	57	42	568	21	1,202	28,974	...	·35
Mainpuri	4,671	33,205	18	7	537	23	724	39,185	2·0	·66
Fatehgarh	2,101	18,078	...	...	187	10	182	20,558	1·02	.45
Etáwah	7,673	37,392	...	...	163	16	569	45,813	·4	·35
Cawnpore	4,343	34,982	592	...	658	344	554	41,473	·7	·48
Delhi	8	...	...	...	...	...	...	8	·3	·83
Gurgaon	2,089	1,797	...	2,902	1	93	53	6,935	·2	·71
Dehra Dún	974	...	774	...	...	...	282	2,030	4·1	1·9
Bijnor	...	...	...	...	...	...	718	718	1·4	·81
Tarái	1,282	...	...	...	...	...	...	1,282	·7	·73
Pilibhit	1,067	...	...	...	...	...	...	1,067	1·7	·84
Bareilly	8,938	...	...	...	...	...	...	8,938	3·0	·74
Jhánsi	21	...	...	...	...	...	2	23	·6	·19
Hamírpur	11	...	15	...	...	...	1	27	...	·56
Total	185,692	271,298	6,011	9,181	3,025	1,812	9,848	486,867	...	...
Total for the same period last year	151,089	268,488	2,300	9,655	3,328	1,562	11,101	447,523	...	...
Increase	34,603	2,810	3,711	...	...	250	...	39,344	...	...
Decrease	...	...	...	474	303	...	1,253	...	...	...

Remarks.

	Cubic feet per second.
Entering head of Ganges Canal	6,446
" Lower Ganges Canal	1,953
	8,399
Expended—	
Ganges Canal	4,762
Lower Ganges Canal	2,936
	7,698
Escapes—	
Anúpshahr Branch	3
Meerut Division	47
Aligarh ditto	43
Mainpuri ditto	102
Cawnpore ditto	247
Etawah ditto	49
Bhognipur Division	1
Loss by percolation, Narora Division	166
	657
Unaccounted for	44
	8,399

Executive Engineer, Meerut Division, reports that the greatest difficulty has been experienced in keeping alive the large area of sugarcane and indigo sown in March and April, and that in many places rice and cotton irrigation has had to be forcibly stopped to permit of sugar being irrigated.

Executive Engineer, Mainpuri Division, reports that there was a strong demand throughout the month for indigo and all kharif crops.

Executive Engineer, Eastern Jumna Canal, reports that there was a steady medium demand up to the 20th of the month, after that a full demand.

Executive Engineer, Rohilkhand Canals, reports that water was in great demand throughout the month for sugarcane; and that the area irrigated this year is larger than usual; whilst the supply in the rivers is below the average. There was rain on the 10th, 11th and 14th, which slightly eased the demand. In the Tarai water is being taken for early rice sowings.

Allahabad,
The 30th June 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. and Oudh,
P. W. D., Irrigation Branch.

STATEMENT OF TRAFFIC ON THE AGRA CANAL FOR THE MONTH OF MAY 1882.

Nature of Traffic.	AGRA CANAL. Principal items of Traffic. Up.		Down.		Total up and down.	
	Mds.	No.	Mds.	No.	Mds.	No.
Grains—						
Wheat	525	...	225	...	750	...
Gram	...	...	...	...	...	...
Rice	...	...	...	...	...	...
Paddy or dhán	...	...	...	...	...	...
Bejhar or mixed grain	...	...	150	...	150	...
Dal—						
Urd	...	...	...	...	...	...
Mung	...	...	...	...	...	...
Arhar	...	...	...	...	...	...
Masuri	...	...	...	...	...	...
Juár	...	...	150	...	150	...
Bájra	...	...	...	...	...	...
Maize or Indian-corn	...	...	...	...	...	...
Barley	...	...	...	...	...	...
Total	525	...	525	...	1,050	...
Cotton	...	...	300	...	300	...
Oilseeds	...	...	...	...	...	...
Salt	...	...	...	...	...	...
Metals	...	...	...	...	...	...
Building materials	11,550	...	20	...	11,570	...
Miscellaneous goods	315	...	1,705	...	2,020	...
Firewood	...	...	...	...	...	...
Bamboos	...	...	50	...	50	...
Timber—						
Poles and unsquared timber	...	...	50	...	50	...
Karis and squared timber	...	...	250	...	250	...
Logs	...	...	...	...	...	...
Miscellaneous timber	...	...	...	...	...	...
Live-stock	...	...	...	...	...	...
Grand Total	12,390	...	2,900	...	15,290	...
Total during corresponding period of last year	11,475	...	13,300	...	24,775	...
Increase	915	...	...	...	...	...
Decrease	...	...	10,400	...	9,485	...

Remarks.

Particulars.	Agra Canal. 1882.	1881.
Tonnage, including weight of timber and bamboos	562	910
Ton mileage	63,826	102,112
Value of goods . . . . . Rs.	20,830	43,982
Number of passengers	...	...

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. and Oudh,
P. W. D., Irrigation Branch.

Allahabad,
The 30th June 1882.

STATEMENT OF TRAFFIC ON UPPER AND LOWER GANGES CANALS FOR THE MONTH OF MAY 1882.

	UPPER GANGES CANAL. Principal items of local Traffic.						LOWER GANGES CANAL. Principal items of local Traffic.						UPPER AND LOWER GANGES CANALS. Principal items of through Traffic.						UPPER AND LOWER GANGES CANALS. Principal items of local and through Traffic.						Remarks.
	Up.		Down.		Total up and down.		Up.		Down.		Total up and down.		Up.		Down.		Total up and down.		Up.		Down.		Total up and down.		
	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	
Grains.																									
Wheat	2,284	...	4,111	...	6,395	...	372	...	...	...	372	...	...	...	7,194	...	7,194	...	2,656	...	11,305	...	13,961	...	
Gram	...	...	...	...	...	...	...	...	636	...	636	...	675	...	...	...	675	...	675	...	636	...	1,311	...	
Rice	96	...	...	...	96	...	...	...	145	...	145	...	123	...	...	...	123	...	219	...	145	...	364	...	
Paddy or dhán	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Bejhar or mixed grain	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Dal ... Urd	...	...	...	...	...	...	...	...	56	...	56	...	...	...	559	...	559	...	...	...	615	...	615	...	
Dal ... Mung	...	...	...	...	...	...	...	...	...	...	...	...	...	...	200	...	200	...	...	...	200	...	200	...	
Dal ... Arhar	...	...	...	...	...	...	...	...	...	...	...	...	924	...	...	...	924	...	924	...	...	...	924	...	
Dal ... Masuri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Juár	77	...	...	...	77	...	...	...	...	...	...	...	...	...	...	...	...	...	77	...	...	...	77	...	
Bájra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Maize or Indian-corn	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Barley	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Total	2,457	...	4,111	...	6,568	...	372	...	837	...	1,209	...	1,722	...	7,953	...	9,675	...	4,551	...	12,901	...	17,452	...	
Cotton	...	...	...	...	...	...	249	...	70	...	319	...	...	...	1,875	...	1,875	...	249	...	1,945	...	2,194	...	
Oilseeds	780	...	...	...	780	...	6,197	...	1,100	...	7,297	...	5,180	...	2,609	...	7,789	...	12,157	...	3,709	...	15,866	...	
Salt	150	...	...	...	150	...	500	...	...	...	500	...	...	...	3,335	...	3,335	...	650	...	3,335	...	3,985	...	
Metals	...	...	...	...	...	...	210	...	212	...	422	...	5,148	...	...	...	5,148	...	5,358	...	212	...	5,570	...	
Building materials	34,020	...	22,050	...	56,070	...	...	...	2,337	...	2,337	...	68	...	700	...	768	...	34,088	...	25,087	...	59,175	...	
Miscellaneous goods	1,900	...	747	...	2,647	...	2,538	...	1,740	...	4,278	...	11,266	...	2,645	...	13,911	...	15,704	...	5,132	...	20,836	...	
Firewood	...	...	5,272	...	5,272	...	15,312	...	300	...	15,612	...	...	...	...	...	...	...	15,312	...	5,572	...	20,884	...	
Bamboos	...	...	1,18,110	2,362,200	1,18,110	2,362,200	...	...	6,577	131,540	6,577	131,540	...	...	...	...	...	...	...	...	1,24,687	2,493,740	1,24,687	2,493,740	
Timber. Poles and unsquared timber.	...	...	16,814	16,814	16,814	16,814	...	...	30	30	30	30	125	125	...	...	125	125	125	125	16,844	16,844	16,969	16,969	
Timber. Karis and squared timber.	...	...	26,088	26,088	26,088	26,088	...	...	...	...	...	...	648	648	...	...	648	648	648	648	26,088	26,088	26,736	26,736	
Timber. Logs	...	...	80	4	80	4	...	...	314	16	314	16	...	...	...	...	...	...	...	...	394	20	394	20	
Miscellaneous timber	...	...	15	30	15	30	...	...	150	300	150	300	49	98	...	...	49	98	49	98	165	330	214	428	
Live-stock	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Grand Total	39,307	...	1,93,287	2,405,136	2,32,594	2,405,136	25,378	...	13,667	131,886	39,045	131,886	24,206	871	19,117	...	43,323	871	88,891	871	2,26,071	2,537,022	3,14,962	2,537,893	
Total during corresponding period of last year.	49,200	221	1,54,697	875,043	2,03,897	875,264	13,936	5,500	50,466	136,183	64,402	141,683	15,806	1,176	54,632	...	70,438	1,176	78,942	6,897	2,59,795	1,011,226	3,38,737	1,018,123	
Increase	...	...	38,590	1,530,093	28,697	1,529,872	11,442	...	...	...	...	...	8,400	...	...	...	...	...	9,949	...	...	1,525,796	...	1,519,770	
Decrease	9,893	221	...	...	...	...	...	5,500	36,799	4,297	25,357	9,797	...	305	35,515	...	27,115	305	...	6,026	33,724	...	23,775	...	

Particulars.	Upper Ganges Canal (local).		Lower Ganges Canal (local).		Upper and Lower Ganges Canals (through).		Total Upper and Lower Ganges Canals.	
	1881.	1882.	1881.	1882.	1881.	1882.	1881.	1882.
Tonnage, including weight of timber and bamboos	7,552	8,544	2,385	1,434	2,609	1,591	12,546	11,569
Ton mileage	3,26,173	3,48,523	58,194	1,66,562	6,23,960	3,77,067	10,08,327	8,92,152
Value of goods . . . . . Rs.	1,03,776	1,30,946	77,078	3,08,601	2,59,152	1,36,576	4,40,006	5,76,124
Number of passengers	...	49	...	...	4	5	4	54

ALLAHABAD,
The 30th June 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. & Oudh, P. W. D., Irrigation Branch.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XXVI OF 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 2nd July 1881. Total.	Receipts for week ending 2nd July 1881. Per mile open.	Total mean length open.	Receipts for week ending 1st July 1882. Total.	Receipts for week ending 1st July 1882. Per mile open.	Total Receipts from 1st April to 2nd July 1881. Total.	Total Receipts from 1st April to 2nd July 1881. Per mile open per week.	Total Receipts from 1st April to 1st July 1882. Total.	Total Receipts from 1st April to 1st July 1882. Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83.
	Guaranteed.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
First 8 days of July 1882 ...	Eastern Bengal ...	172	77,259	449	172	84,379	491	8,55,287	368	9,52,553	421	97,266	...
Ditto ...	Oudh and Rohilkhund	547	1,83,679	336	547	87,707	160	14,01,714	193	14,55,922	202	54,208	...
Ditto ...	Sind, Punjab & Delhi	676	2,16,324	320	676	1,94,639	288	24,36,793	272	25,67,527	289	1,30,734	...
1st July 1882	Madras ...	858	2,37,020	276	858	1,51,462	177	16,93,811	148	18,39,796	163	1,45,985	...
24th June 1882	South Indian ...	655	1,23,000	188	...	(a)...	...	(b)9,21,692	115	(c)9,66,304	122	44,612	...
First 8 days of July 1882 ...	Great Indian Peninsula	1,448	10,15,394	701	1,458	4,70,924	323	1,00,27,128	521	1,07,68,671	565	7,41,543	...
1st July 1882	Bombay, Baroda and Central India ...	444	2,93,343	661	461	1,47,262	319	35,21,243	597	33,54,150	554	...	1,67,093
	TOTAL ...	4,800	21,46,019	447	4,172	11,36,374	272	2,08,57,668	327	2,19,04,923	346	10,47,255	...
	State.												
First 8 days of July 1882 ...	East Indian ...	1,504	8,38,817	558	1,507	7,91,912	525	1,10,85,815	554	1,16,33,207	587	5,47,392	...
Ditto ...	Calcutta and South-Eastern ...	28	6,727	240	33	8,253	250	43,437	117	54,124	142	10,687	...
Ditto ...	Nalhati ...	27	1,258	47	27	1,320	49	17,053	48	18,332	52	1,279	...
Ditto ...	Northern Bengal ...	231	35,961	156	233	40,465	174	4,02,591	131	4,85,394	158	82,803	...
Ditto ...	Tirhoot ...	80	8,841	111	85	11,023	130	1,67,275	153	1,72,700	155	5,425	...
Ditto ...	Patna-Gya ...	57	7,935	139	57	6,957	122	1,18,963	157	1,25,662	168	6,699	...
Ditto ...	Muttra-Hathras ...	29	3,518	121	29	2,151	71	33,901	88	31,113	82	...	2,788
Ditto ...	Cawnpore-Furrakhabad	86	5,760	67	87	7,474	86	68,606	60	86,818	76	18,212	...
Ditto ...	Dildarnagar-Ghazipur	12	606	50	12	791	66	12,972	81	14,618	92	1,646	...
Ditto ...	Rajputana-Malwa ...	1,016	2,32,392	228	1,117	2,11,854	190	25,27,012	187	29,19,509	199	3,92,497	...
Ditto ...	Wardha Coal ...	45	20,773	462	45	18,524	412	1,33,437	223	1,76,599	299	43,162	...
Ditto ...	Nagpur & Chhattisgarh	53	8,799	166	98	7,277	74	96,832	114	2,06,660	160	1,09,828	...
Ditto ...	Rangoon and Irrawaddy Valley ...	161	23,970	149	161	20,549	128	4,34,832	203	4,30,975	204	...	3,857
Ditto ...	Sindia ...	75	6,088	81	75	6,988	93	78,961	83	84,728	86	5,767	...
Ditto ...	Punjab Northern ...	363	(d)—37,956	-105	412	56,809	138	7,61,856	158	7,79,880	150	18,024	...
Ditto ...	Indus Valley and Kandahar ...	660	24,593	37	660	(e)1,24,236	188	12,77,730	146	11,88,215	137	...	89,515
Ditto ...	Muttra-Achnera ...	...	...	...	23	1,261	55	...	...	15,542	51	15,542	...
	TOTAL ...	2,923	3,49,265	119	3,154	5,25,932	167	61,75,458	158	67,90,869	165	6,15,411	...
	Native States.												
Ditto ...	Bhavnagar-Gondal ...	172	12,320	72	194	10,004	52	2,84,511	112	3,16,967	125	32,456	...
Ditto ...	Nizam's ...	121	24,263	201	121	24,298	201	2,31,270	144	2,28,500	143	...	2,770
17th June 1882	Mysore ...	58	10,769	186	...	(a)...	...	(f)29,050	44	(g)53,119	55	24,069	...
	TOTAL ...	351	47,352	135	315	34,302	109	5,44,831	116	5,98,586	113	53,755	...
	GRAND TOTAL ...	9,578	33,81,453	353	9,148	24,88,520	272	3,86,63,772	303	4,09,27,585	316	22,63,813	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	1,82,05,883	143	1,96,51,854	152	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	2,04,57,889	160	2,12,75,731	164	8,17,842	...

N.B.—Includes amounts due to adjustments made in the Supplementary Returns ending 30th June 1881.

(a) Return not received. (b) Total receipts from 1st April to 25th June 1881. (c) Total receipts from 1st April to 24th June 1882.

(d) Due to adjustments made in the Supplementary Return ending 30th June 1881. (e) Separate returns for the I. V. and Kandahar State Railways for the first 8 days of July 1882 have been received.

(f) Total receipts from 8th April to 19th June 1881. (g) Total receipts from 1st April to 17th June 1882.

F. FIREBRACE, *Major, R.E.,*
Under Secretary.

SIMLA,
The 24th July 1882.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 25th JULY 1882.

GENERAL REMARKS.—The rainfall has continued to be general throughout the country. In the Madras Presidency it has again been heavy in the extreme south-west, and comparatively light in other parts. In Coorg also it has again been heavy. In the Mysore State it has been heavy in some districts, and light in others. In the Bombay Presidency very heavy in some parts, fair in others; while in the Poona District there has been a partial break. In Berar the rainfall has been fair; in the Central Provinces incessant; and in Central India and Rajputana fully sufficient for present requirements. In the Punjab there has been more or less rain in all districts. In the North-Western Provinces and Oudh there has been sufficient rain everywhere except in Gorakhpur. In Bengal some rain fell in all districts throughout the week, but in parts more is urgently wanted. The rainfall in Assam has been fair in some parts and light in one district. In British Burma it has been more or less heavy in all districts.

General prospects continue favourable throughout India. In British Burma ploughing and sowing are proceeding satisfactorily. In Assam the transplanting of the rice crop has commenced, but more rain is needed in some parts. In Bengal also the transplanting of late rice crop has commenced, and more rain is wanted for this purpose in Bengal Proper and Behar. The prospects of jute and other autumn crops continue favourable; sugarcane also is promising; and the early rice is being cut in parts of Central and Eastern Bengal. In the North-Western Provinces and Oudh the transplanting of rice is proceeding in some parts, and more rain is wanted for this purpose; in other parts the weeding of *juar* and cotton are retarded by excess of rain; generally *kharif* sowings are nearly completed, and indigo and sugarcane promise well. In the Punjab *kharif* sowings continue or are nearly completed, and prospects are favourable.

Prospects are also favourable in the Rajputana and Central India States, but in some places the young maize and millet crops have been damaged by too much rain. An excess of rain is also retarding weeding and transplanting operations in the Central Provinces. In Berar the sowings have been completed, and where already above ground the young crops are in good condition. In the Bombay Presidency sowings have likewise been completed; in several districts the crops have been injured by excessive rain; and in parts of Ahmednagar and Dharwar more rain is needed. In the Mysore State crops are generally flourishing, save where they have been damaged by floods. Coorg again reports floods and consequent damage to the rice, *ragi*, and coffee crops, and loss of cattle.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(July 26th)		
Bellary ...	·32 (average of five stations).	Standing crops generally good, but worm-eaten in parts; agricultural operations progressing; fever in parts.
Kurnool ...	·47 (average of six stations).	Season generally favourable; crops sprouting well; cattle-disease in parts; high flood in Tungabadra.
Ganjam ...	1·0 (average of twelve stations).	Standing crops thriving; fever, small-pox, and cattle-disease exist; cholera prevalent.
Kistna ...	·96 (average of ten stations).	Standing dry crops flooded in five taluks, fair in others; small-pox and cattle-disease in parts; high floods in Kistna river.
Chingleput (Madras) ...	·22 (average of five stations).	Standing crops under larger tanks and channels good; agricultural operations progressing; small-pox, fever, and cholera in parts.
Coimbatore ...	·70 (average of ten stations).	Standing crops generally good, though dry damaged in parts by rain and insects; harvest dry crops, outturn about average; fever and small-pox in parts.
Tanjore ...	·31 (average of two stations).	Crops generally good, though damaged by breaches in three taluks; cattle-disease in one taluk.
Madura ...	·25 (in one station)	Standing crops fair but withering in one taluk; harvest paddy; cholera in parts.
Malabar ...	10·68 (average of fourteen stations).	Standing first crop partially destroyed by heavy rain; small-pox, cholera, fever, and cattle-disease in parts.
Travancore ...	7·53	Paddy-fields being weeded; cultivation affected by incessant rain; fever slightly prevalent.
		General Remarks.—General prospects fair.
Bombay—(July 26th)		
Kurrachee ...	Kohistan, 12·10; Sehwan, 4·03; Johi, 4·60; Ghorabari, 3·58; Sujawal, 5·79; Dadu, 2·91.	Fever in two talukas; 2 cases of small-pox at Sujawal; river at Kotri on 24th, 18 feet against 15¼ feet on same date last year; some damage done to rice crops by rain in seven talukas; wheat, red rice, and *bajri* in Kurrachee 24, 36 and 32, in Manjhand 26, 44 and 46, in Sakro 18, 40 and 48, and in Shahbandar 20, 52 and 48 lbs. per rupee respectively.
Hyderabad ...	Rain in five talukas, average 3·42.	River very high; some damage to crops in Badin from heavy rain and in Guni from rain and breaching of the Hajipur bund; wheat 25, *juari* 44, *bajri* 39, red rice 32, and white rice 22 lbs. per rupee, respectively.
Ahmedabad ...	6·04	Total rainfall 25·23; sowings progressing; wheat 27 and *bajri* 31 lbs. per rupee.
Baroda ...	9·68	Total rainfall 29·04; transplanting of rice continues; cholera abating in Khari Division, but increasing in Gaekwar's Contingent camp at Manekwara in Kathiawar; *bajri* 20 and common rice 23 lbs. per British rupee.
Surat ...	6·00	Total rainfall 31·43; break commenced; slight damage by excessive rain in some talukas, in others young crops healthy; *juari* 35 and *nagli* 51 lbs. per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Násik ...	Igatpuri, 23·91; Peint, 22·47; Dindori, 4·55; Kalwan, 4·10; Nasik, 3·08; least in Nandgaon and Yeola, but sufficient.	Early crops good; *bajri* still being sown; break wanted in places; locusts in Nandgaon; *bajri* 36, wheat 24, and rice 25 lbs. per rupee.
Colaba (Bombay) ...	Rain every day; total of week 2·03.	Total rainfall to date 53·40, being 11·64 above average; abnormal temperature rose from 2° cool on 19th to 1° warm on 25th; vapour in air normal; abnormal wind westerly from 19th to 21st; afterwards wind normal.
Poona ...	.....	Partial break in weather; 4 cholera cases in Bhimthari, 2 fatal; young crops healthy; *bajri* 43 and *juari* 56½ lbs. per rupee, in Poona *bajri* 36¾ and *juari* 47¾ lbs. per rupee.
Ahmednagar ...	1·74 in Akola and from ·49 to ·95 in other talukas.	Total average rainfall of district up to date 10·86, more rain wanted; sowing of *kharif* completed in Nagar and in progress in all other talukas; cattle-disease in Nagar; cholera—in Parner 10 attacks, 2 deaths, and in Shrigonda 36 attacks, 12 deaths; *bajri*—maximum 60 lbs. in Jhamkhed, minimum 45 in Kopergaon; *juari*—maximum 96 lbs. in Jhamkhed, minimum 54 in Kopergaon.
Sholapur ...	·23	Total rainfall to date 16·92; cholera throughout district except Karmala, 96 cases, 34 deaths; *kharif* sowing almost completed; *bajri* 56 lbs. 12 tolas and *juari* 75 lbs. 8 tolas per rupee.
Dharwar ...	Maximum at Hangal, 8·15; minimum at Mundargi, ·42.	Rivers Tungabadra, Warda, and Kumadmali in flood; some villages in Gadag, Rannibennur, and Karajgi talukas inundated, much damage to houses and property; several tanks burst in Margund and Muridargi *pettas;* more rain wanted in Bankapur, Hangal, Rannibennur, Karajgi, Khalghatgi and Kod talukas; break desired for sowing *juari* and to prevent further damage to young crops; public health good; rice 22 and *juari* 58 lbs. per rupee.
Kanara ...	Karwar, 6·64; Kumpta, 17·00; Sirsi, 24·50; Hallial, 14·48.	Total rainfall 72·77; weeding, transplanting, and sowing *coomrie* lands continue; cattle-disease, fever, and small-pox subsiding; heavy rainfall has damaged rice plants in several places; rivers, tanks, and even roads in low places flooded, some huts washed away but no lives lost; common rice in Karwar 11½, in district average 15½ seers per rupee.
Rajkot ...	1·18	Total rainfall 13·65; weather monsoonish; crops thriving; general health fair; cholera continues in some places; *bajri* 26 and *juari* 30 lbs per rupee.
		General Remarks.—Sowings mostly completed and transplanting in progress; partial break in weather; crops injured by excessive rain in several districts; more rain wanted in parts of Ahmednagar and Dharwar; fever and cattle-disease in a few districts; cholera in Belgaum, Satara, Sholapur, Ahmednagar thana, and parts of Kathiawar.
Bengal—(July 26th)		
Chittagong ...	2·28	More rain wanted; cultivation of winter rice going on; prices stationary; cholera has abated in some places; cattle-disease and fever still continue.
Dacca ...	1·01	Jute and autumn rice being cut; complaints of want of rain for rice on high land.
24-Pergunnahs (Calcutta)	2·04	Prospects of jute, sugarcane, and early rice fair; transplanting of winter rice rapidly going on; public health generally good; rivers rising.
Moorshedabad ...	1·52	Autumn rice promises well, in some places it is being cut; transplanting of winter rice going on; more rain still wanted; some cases of fever at Rangamati; public health generally good.
Rajshahye ...	2·61	Prospects generally favourable, though more rain wanted; jute being cut; health fair; fever and a little cholera still reported.
Burdwan ...	3·21	Weather seasonable, though more rain required for winter rice, especially in Katwa subdivision; public health generally good.
Rungpore ...	0·65	Weather hot; more rain wanted for transplanting of winter rice; condition of other crops favourable; public health good.
Bhagálpur ...	1·38	Autumn crops promise well; more rain requiredfor transplanting rice.
Purneah ...	0·65	Prospects of crops fairly good but rain is badly wanted; no transplanting for want of rain; health fair; Ganges high; Kosi low.
Patna ...	1·08	Prospects of autumn crops good; more rain wanted for transplanting rice; cholera still reported from Barrh and Behar subdivisions.
Durbhunga ...	0·58	Transplanting of rice crops going on very slowly for want of rain, which is urgently required; prices rising; cholera still reported in Sadr and Tajpur.
Hazáribágh ...	5·0	Weather cloudy and showery; transplanting of rice going on vigorously; cattle-disease, cholera, and small-pox still linger; general health good.
Cuttack ...	10·69	Autumn and winter rice crops being weeded and reploughed; sugarcane growing well; cholera still prevalent.
		General Remarks.—Rain fell in all districts during the week; more rain is much wanted in many parts of Bengal proper and throughout Behar for transplanting late rice; in Orissa and Chota Nagpur the fall was sufficient for transplanting; prospects of early rice, jute, and other autumn crops continue favourable; sugarcane also promising; early rice is being cut in places in Central and Eastern Bengal; fever has appeared in a few districts; cases of cholera and small-pox still reported from some districts; public health generally fair.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—		
Benares ...	1·6; Chandauli, 3·4.	Report from Gungapur not yet to hand; not enough rain in Benares tahsil for transplanting early rice; health of cattle good; cholera increasing; bazars well supplied.
Cawnpore (July 25th)	Average more than 0·7	Weather cloudy; prospects excellent; a few cases of cholera reported from Ghátompur, Barrh, and Salempur; prices stationary.
Allahabad („ 26th)	Good rain during the week.	Crops flourishing; *bajra* sowings in progress; rice being transplanted; not much sickness for season; prices falling.
Gorakhpur („ 25th)	No rain for twelve days, except local showers.	Crops still green, but rain much wanted; prices rising.
Jhánsi („ 24th)	From 13·1 in pargana Mau to 0·8 in pargana Moth; average 9·0.	Owing to excessive rain weeding of *juar* and cotton in *már* soil being retarded; fine weather wanted; health good; prices fluctuating.
Agra („ 25th)	Rain in all parganas from 0·6 to 3·0.	Indigo, sugarcane, and cotton promise well; and break wanted to facilitate weeding; slight fever in two parganas, and slight cholera in Firozabad; general health good; prices slightly falling.
Farukhabad („ „)	Rain throughout the district.	Prospects good; markets well supplied; health good.
Bareilly („ „)	About 2·0	Weather seasonable; prospects good.
Meerut („ „)	Occasional rain; Meerut, 2·8; Hapur, 3·0; Mowana, 3·8; Sardhana, 2·7; Ghaziabad, *nil*.	Weather seasonable; health good; crops flourishing; imports into markets scanty, but sufficient; generally prices stationary.
Kumaun („ „)	Fair rain	Very favourable weather for crops; 3 deaths from *máhámari* disease; cattle-disease still prevalent; prices stationary.
Lucknow („ „)	Sadr, 1·4; Maliabad, 1·1; Mohanlalganj, 1·3	*Kharif* sowings nearly finished; bazars well supplied; cholera increasing in city and in tahsil Mohanlalganj.
Rae Bareli („ 24th)	Sadr 0·5; Dalamau, *nil*; Digbijaiganj, 0·8; Salon, 0·6.	*Kharif* sown; weeding commenced; prospects good; cholera still continues; no cattle-disease; prices steady.
Partabgarh („ 25th)	General rain throughout the district.	Prices falling; prospects good; cholera still continues in Partábgarh and Patti tahsils.
Sitapur („ „)	Rain just enough to keep ordinary crops in good condition.	Rice suffering for want of sufficient rain; cholera increasing in Sitapur tahsil; slight cattle-disease throughout the district; prices stationary.
Fyzabad („ „)	0·8	Agricultural operations in progress; cholera still continues in three tahsils.
		General Remarks.—Rainfall sufficient, except in Gorakhpur, where rain is much wanted; break wanted in Agra and Jhánsi; prospects generally good; prices stationary; cholera continues in eastern districts and is increasing in Lucknow and Sitapur, otherwise health normal; cattle-disease continues in Sitapur and Kumaun.
Punjab—(July 25th)		
Delhi ...	·60	*Kharif* sowings nearly completed; health good; prices steady.
Hissar ...	1·40 at Sadr	Health good; prices steady.
Umballa ...	·40	*Kharif* sowings in progress; health good; prices steady.
Jullundur ...	1·30	Health good; prices steady.
Amritsar ...	1·40	*Kharif* sowings continue; health good; prices steady.
Sialkot ...	1·50	*Kharif* prospects good; health good; prices steady.
Lahore ...	4·50	Health good; prices steady.
Ferozepore ...	·50 at Sadr	*Kharif* sowings continue; health good; prices rising.
Mooltan ...	4·0 at Sadr	Crops good; health good; prices stationary.
Rawalpindi ...	1·70	Crops good; health good; prices steady.
Dera Ismail Khan ...	.....	No report received.
Peshawar ...	·60	Health fair; prices rising.
		General Remarks.—Rain has fallen throughout the province; health good; prices of food-grains generally steady.
Central Provinces—		
Raipur (July 22nd)	3·45; heavy rain on 20th.	A break since; reploughing of rice-fields carried on; 10 cases of cholera in north-west; prices easy; rice 46 and wheat 29 seers per rupee.
Jubbulpore ...	6·10; incessant rain, heavy at times.	Break needed; sowings continue; cholera prevalent; prices stationary.
Saugor ...	9·13; excessive rain	Cotton and *juar* suffering, other crops favourable; prices steady; health fair.
Seoni ...	5·83; incessant rain	Weather cold and damp; rice transplantation nearly finished; cholera and cattle-disease prevalent; prices stationary.
Hoshangabad (July 25th)	7·65	Standing crops damaged; break needed; small-pox and cholera prevalent; rice 9, wheat 15, and *juar* 24 seers per rupee.
Nagpur („ 26th)	3·07	Break favourable for weeding; *kharif* somewhat suffering from incessant rain; cholera and diarrhœa prevalent.
Sambalpur ...	.....	No report received.
Khandwa ...	4·49	Sowings suffering from continuous rain; break needed; prices steady; small-pox prevalent.
		General Remarks.—Incessant rain unfavourable to *kharif*; break much needed for weeding and transplanting operations; cholera somewhat prevalent; prices continue easy.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
British Burma—(July 22nd)		
Akyab ...	19·26	Total rainfall 123·92; slight small-pox in part of the district, otherwise public health good; cattle-disease in four townships; sowing in progress; early crops good.
Rangoon ...	9·24	Total rainfall 41·94; public health good; ploughing commenced.
Bassein ...	7·95	Total rainfall 59·58; a few deaths from cholera in three townships, otherwise public health good; cattle-disease prevalent in the same townships; ploughing progressing favourably; planting going on in some places.
Prome ...	2·21	Total rainfall 19·11; 3 deaths from cholera in town and 12 in the district; some cattle-disease in three townships.
Amherst (Moulmein) ...	17·51	Total rainfall 109·83; 5 deaths from cholera in the district, otherwise public health good both in Moulmein and the district; cattle-disease has appeared in two townships, but is decreasing in others; ploughing and sowing still progressing.
Toungoo ...	9·65	Total rainfall 44·02; public health good; cattle-disease prevalent in two townships.
		General Remarks.—Cholera somewhat prevalent in Pegu and Irrawaddy Divisions; public health good; cattle-disease continues; rainfall generally abundant; agricultural operations proceeding satisfactorily.
Assam—(July 25th)		
Gauhati ...	1·65	Weather hot; rain much wanted for the transplanting of the *sali* paddy; *aus* being reaped; public health good.
Sylhet ...	2·10	The drought of last three weeks has retarded cultivation of *sali* paddy to a serious extent; tea and other crops suffering; rivers extraordinarily low for time of year.
Cachar ...	1·92	Weather excessively hot; ploughing for *sali* crops nearly finished and transplanting commenced, but rain wanted; state of *chuma* and *murali* crops good; prospects of tea outturn excellent; 1 case of cholera reported from Lakhimpur; no spreading of cattle-disease reported; common rice 21 $\frac{5}{16}$ seers per rupee.
Dibrugarh ...	0·61	Weather seasonable; transplanting of *sali dhan* commencing; *ahu dhan* being cut; public health generally good, but some cases of cholera in the Sadr subdivision; cattle-disease still reported; 44 emigrants died by the overflooding of the Subansiri.
Mysore and Coorg—(July 26th)		
Bangalore ...	1·18	Standing crops in good condition; generally more rain needed for *ragi* crops and wet cultivation; prospects of season and public health good; price of rice 11, *ragi* 25½, and horse-gram 28¾ seers per rupee.
Mysore ...	·39	Crops flourishing; public health favourable; floods in rivers subsiding.
Mercara ...	10·43	Monsoon continues; Cauvery temporarily unfordable for days together; the heavy rains have done much damage to rice-fields by washing away embankments and nurseries; numbers of cattle have died from exposure; the *ragi* crops in the Najarajpatna taluk and the coffee crops on the Sampajighat and North Coorg have suffered from excessive rain; transplanting of rice commenced; prices stationary; public health good.
		General Remarks.—Heavy rain in Hassan, Shimoga, and Kadur districts; Tungabadra flooded, inundating adjoining fields and plains, causing some damage; crops in good condition; agricultural operations continue; prospects favourable; public health reported good; ruling prices—rice 11 to 12, *ragi* 22 to 40 seers per rupee.
Berar & Hyderabad—(July 26th)		
Amráoti ...	1·24	Crops in good condition; wheat 18 and *juari* 30 seers per rupee.
Akola ...	2·28	Sowings completed; prospects favourable.
Hyderabad ...	.....	No report received.
Central India States—(July 26th)		
Indore ...	2·39	There is at last a break in the rain, and some sunshine may now revive the young maize and millet; health good.
Morar (Gwalior) ...	2·81	Health and prospects good.
Sutna ...	1·19	
Rutlam ...	.....	No report received.
Neemuch ...	9·19	Public health good.
Goona ...	8·04	Prospects fair.
Bhopal ...	8·0	Continuous rain; prospects good.
Agar ...	9·61	Health and prospects good.
Nowgong ...	7·33	Health and prospects good; prices rising.
Manpur ...	4·20	Millet and maize crops damaged by excessive rain; health good; prices stationary.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Rajputana—		
Abu (July 26th)	15·67	Break since Monday.
Sirohi („ 23rd)	5·60	Weather rainy; health and prospects good.
Marwar ...	.....	No report received.
Meywar (July 23rd)	5·19	Water-supply, health, and crops good; barometer very low.
Harowti („ 22nd)	Deoli, 7·78; Kotah, 4·25; Tonk, 8·94. Previous week's rainfall—in Kotah, 6·60; Shahpura, 4·25.	Cholera at Tonk, some cases in Patan district of Bundi; prospects good.
Jhallawar (July 19th)	11·41	Weather cloudy; crops looking well; health good.
Ajmere („ 25th)	5·65	Tanks full; daily rain; prospects excellent; health only fair.
Jeypore („ „)	5·29	Prices stationary; health fair.
Ulwur („ „)	1·92	Prospects good; health good.
Nepal—		
Katmandu ...	2·16; constant rain	Transplanting of rice finished.

E. C. BUCK,
Secy. to the Govt. of India.

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☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

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Nothing for publication.

SUPPLEMENT No. 31.

PART I.

Government of India Notifications, Appointments, Promotions, &c.

HOME DEPARTMENT.

NOTIFICATION.—MEDICAL.

Simla, the 4th August 1882.

No. 334.—The services of Surgeon C. W. Owen, C.I.E., in joint medical charge of Simla, are placed at the disposal of the Military Department.

A. MACKENZIE,
Secy. to the Govt. of India.

REVENUE AND AGRICULTURAL DEPARTMENT.

NOTIFICATION.—METEOROLOGY.

Simla, the 3rd August 1882.

No. 65 *Met.*—Mr. A. N. Pearson is appointed to act as Meteorological Reporter for Western India during the absence of Mr. F. Chambers on the furlough for one year granted to him in Notification No. 47, dated the 23rd June 1882.

Mr. Pearson assumed charge of his office from the morning of the 17th July 1882.

E. C. BUCK,
Secy. to the Govt. of India.

FOREIGN DEPARTMENT.

NOTIFICATIONS.—GENERAL.

Simla, the 31st July 1882.

No. 252 *G.*—Surgeon C. G. W. Lowdell, Bombay Medical Establishment, held medical charge of the 2nd Regiment, Central India Horse, from the 5th December 1881 to the 24th March 1882, both days inclusive, during the absence of Surgeon-Major R. Caldecott, on duty with the Agent to the Governor General in Central India.

The 2nd August 1882.

No. 264 *G.*—Surgeon-Major R. Bowman, Medical Officer of the Residency at Baghdad, held charge of the current duties of the office of the Political Resident in Turkish Arabia, in addition to his own duties, from the 20th February to the 19th March 1882, both days inclusive.

No. 266 *G.*—Lieutenant-Colonel C. M. Griffiths, Bombay Staff Corps, is appointed to officiate as Cantonment Magistrate at Mhow, with effect from the date of assuming charge.

The 4th August 1882.

No. 312 *G.*—Captain W. P. Kennedy, Bombay Staff Corps, Officiating Assistant to the Agent to the Governor General at Baroda, is granted 45 days' privilege leave, with effect from the 31st July 1882, or such subsequent date as he may avail himself of the same.

POLITICAL.

The 3rd August 1882.

No. 282 *G.*—His Excellency the Viceroy and Governor General is pleased to recognise the appointment of Mr. A. F. de Jouffrey d'Abbans as Vice-Consul for France at Aden.

The 4th August 1882.

No. 301 *G.*—His Excellency the Viceroy and Governor General is pleased to confer upon Bulákhirám Náhnálál, late Native Assistant to the Collector of Salt Revenue in the Bombay Presidency, the title of "Rao Bahadur" as a personal distinction.

No. 307 *G.*—With reference to the Notification of the Military Department, No. 119 of the 10th March 1882, His Highness the Maharaj Rana of Dholpur, an Honorary Major in the Army, is posted to the 2nd Regiment, Central India Horse.

MILITARY.

The 1st August 1882.

No. 262 *G.*—The following Regimental Order by the Commandant, Meywar Bheel Corps, dated 4th June 1882, is confirmed :—

Lieutenant-Colonel E. Temple, 2nd-in-Command, to officiate as Commandant, in addition to his other duties, *vice* Lieutenant-Colonel A. Conolly, proceeding on subsidiary leave preparatory to furlough.

The 3rd August 1882.

No. 280 *G.*—The following promotions are made in the 2nd Regiment, Central India Horse, consequent on the resignation of Major J. Colledge, 2nd Squadron Commander, 2nd Regiment, with effect from the 1st June 1882 :—

Major A. H. S. Neill, 3rd Squadron Commander, to be 2nd Squadron Commander.

Lieutenant A. Masters, Adjutant, to be 3rd Squadron Commander.

Lieutenant H. W. Hughes, Officiating Adjutant, to be Adjutant.

Lieutenant J. B. Edwards to officiate as 3rd Squadron Commander during the absence of Lieutenant A. Masters on furlough, or until further orders.

C. GRANT,

Secy. to the Govt. of India.

DEPARTMENT OF FINANCE AND COMMERCE.

NOTIFICATIONS.

Simla, the 4th August 1882.

No. 2899.

RESOLUTION—By the Government of India, Department of Finance and Commerce.

Read—

Note by Mr. T. C. Hope, Secretary to the Government of India in the Department of Finance and Commerce, on the Iron Industry in India.

Despatch to Her Majesty's Secretary of State for India, No. 175, dated 1st July 1881, recommending the purchase of the Bengal Iron Works.

Despatch from Her Majesty's Secretary of State for India, No. 40, dated 25th August 1881, sanctioning the purchase.

Report on the Bengal Iron Works, by Ritter C. von Schwarz, dated 26th October 1881.

Telegram from the Government of Bengal in the Public Works Department, dated 5th April 1882, reporting conclusion of negotiations for purchase.

Letter to the Government of Bengal, Public Works Department, No. 494, dated 19th April, regarding temporary charge of the works, and calling for report on condition and utilisation of works.

Letter from the Government of Bengal, No. 2343E., dated 14th July 1882, furnishing reports by Ritter C. von Schwarz, with Memorandum by the Chief Engineer.

RESOLUTION.—The Government of India have, for some time past, had under special consideration the importance of developing the iron industry in India. The advantages which such development would afford to both the State and the public,—by cheapening the cost of railway construction and maintenance, and of works for improving the water-supply; by substituting metal for more perishable materials in buildings; by reducing the home charges and their concomitant loss by exchange; by creating for the population non-agricultural employment; and by increasing the means for profitable investment of capital,—are too well known to require lengthened exposition.

2. Regarding the capabilities of the Indian iron measures to fulfil all that is required of them, no doubt can reasonably be entertained. Moreover, they lie, for the most part, in convenient proximity to either ample supplies of coal or forests available for use in the preparation of the ore. In Assam,

Kuch Behar, Burma, and the Kumaon ranges the prospects are promising to a greater or less extent. In Lower Bengal, the Raniganj district, Sonthalia, and Chutia Nagpur; in the Central Provinces, Sambalpur and Chanda; in Central India, the ranges near Gwalior; and in the Punjab, numerous localities, are found to be specially endowed with all the requisites for successful production. In quality the ores are mostly found to be extremely pure; and where the proportion of phosphorous and other impurities is large, recently invented processes have removed all obstacle to their successful elimination.

3. Under the circumstances above described, it may be accepted as proved that India possesses the means of supplying all her wants in respect of cast iron, wrought iron and steel, and that such supply could be produced remuneratively on a strictly commercial basis. The establishment of iron works to be owned and worked by the State is open to grave objections, both economic and practical, and being likewise unnecessary, need not be discussed at length. Nothing appears to be necessary in order to attract private enterprise to so eligible an opening except the collection and diffusion of sufficient information, and the grant of such facilities as the State may legitimately and reasonably afford to a young and growing industry.

4. Private enterprise in this matter, however, must evidently be on a large scale, and not confined to one locality alone. The distances in India are so great, and the railway system now so extended, that the cost of conveying material to the spot where it is needed is an important factor in every calculation. It has been proved that, unless mills were established in four different localities, the cost of sending old rails and tyres to be worked up afresh would exceed that of obtaining new ones from England. A similar conclusion has been formed as to the gain by substituting iron sleepers for wooden ones. Raniganj, the Punjab, and the Central Provinces appear to be the localities in all of which extensive operations would be necessary in order to meet early necessities of the case. Whether these localities should be occupied by different Companies or by one is a matter of detail, but the aggregate capital required would obviously be large. The amount required might perhaps be beyond the local resources of the Calcutta or Bombay money market, and the investment uncongenial to those in Europe with whom those markets are connected in their ordinary mercantile transactions. England must likewise be looked to; and those capitalists in England whose knowledge and resources are specially directed to the iron industry.

5. Towards the development of the industry in the Raniganj district, the attention of the Government has in the first instance been directed, in consequence of the fact that a private Company was established a few years ago near Barrakur, but after a short time fell into difficulties from causes which need not be related, and was obliged to suspend operations. After carefully investigating the causes of failure, the Government of India came to the conclusion that the only way in which the works could be, at any early date, placed in the hands of experienced persons having an adequate command of capital, was by an intermediate purchase on the part of the State.

6. The "Bengal Iron Works" have consequently been purchased for the sum of Rs. 4,30,761. His Excellency the Governor General in Council is now pleased to announce that they will be retransferred for that sum, together with any further indispensable outlay, to any parties who may establish satisfactorily that they are in the possession of sufficient skill and resources, and *bonâ fide* prepared to carry on the manufacture of iron and steel upon a scale commensurate to the probable needs of that portion of British India which is within reasonable distance of the works. His Excellency in Council will further be prepared to enter into an engagement, if so desired, to take annually for ten years, at fixed prices to be previously agreed upon, not less than a certain weight of the Company's manufactures. This weight will be determined with reference to the average requirements of the Government for railways and other public works in the territory to the north and east of the East Indian Railway from Calcutta to Mogul Serai. With a view to facilitate the formation of a judgment on the prospects of the enterprise, the reports by Ritter C. von Schwarz, which are specified in the heading to this Resolution, will be made public, and further explanations or information will, as far as practicable, be

afforded; but it must be distinctly understood that the Government decline to be responsible for the accuracy of any calculations or estimates so put forward.

7. In order to ascertain more fully the capabilities of the Chanda district of the Central Provinces, Ritter C. von Schwarz was some months ago deputed to the locality, and has submitted a very full and able report, which is also now made public, under a similar reservation. The Government of India are now engaged in ascertaining the probable demand for iron and steel within a suitable radius of Chanda, and in comparing the merits of that locality with those of others in the Central Provinces. Any information which may become available will be published in due course. Similar investigations will be pursued in the Punjab and other parts of India, as circumstances may permit.

8. In view of the importance of fully developing at the earliest possible date the resources of India in coal and iron, and of the necessity of unity and vigour of action to this end, His Excellency the Governor General in Council is pleased to direct that the Department of Public Works of the Government of India shall be the initiating Department in relation to the utilisation of these minerals, subject to the customary general control of the Department of Finance and Commerce in matters of contract and expenditure, and to the usual consultation of the Revenue or Political Department on any matters in which they may be respectively concerned. Those Departments, on the other hand, as also all Local Governments and Administrations, should, by the collection of information or otherwise, co-operate with the Department of Public Works towards the attainment of the end in view.

ORDERED, that this Resolution be communicated to all Local Governments and Administrations, and to the Public Works, Revenue and Agricultural, and the Political Departments of the Government of India; and that it be published, together with the reports of Ritter C. von Schwarz, in the *Gazette of India*.

Report on the reopening of the Bengal Iron Works for the production of 80 tons castings per 24 hours.

When, in 1875, the Bengal Iron Works Company first opened, English pig iron was selling in Calcutta at Rs. 60 per ton, whilst the cost of production of the pig iron made at the Company's Works was Rs. 65. Within two years this was reduced to Rs. 40, but meanwhile, or at least by 1878, English pig iron was quoted in Calcutta at Rs. 29 per ton. The Company being unable to further force down the cost price of their pig iron, the failure of the undertaking became manifest, and resulted in the closing of the Works in 1879. At this present time English pig iron of the quality which used to be produced at the Bengal Iron Works is selling in Calcutta at Rs. 35 per ton; therefore still Rs. 5 below the cost price arrived at by the Company.

As since the closing of the Works the prices of the raw materials (iron ores, coal and limestone) have not fallen, and as, on the other hand, the cost of labour has risen, the success of the reopening of the Bengal Iron Works depends on decreasing the cost of production through improved arrangements in some directions and a simplification of working procedure in others. To arrive at the desired result the following measures are proposed :—

1.—The substitution of certain machinery for certain manual labour formerly employed, and the introduction of certain simplified yet improved methods of working, both having for their object a saving of material and cost of labour.

2.—Arrangements for increasing the capabilities of the Works for the quantity of production by means of which, in an indirect way, the cost of labour, of management, wear and tear, &c., is diminished as the expenses on these are distributed over a larger amount of produce.

3.—Arrangements for utilizing the collateral produce of the Works.

In the following pages the proposed improvements will be treated of, namely, what they consist, and how in the present case they can be introduced expeditiously, cheaply and effectively.

It is evident that, in the main, the present arrangements will be maintained as much as possible, and that our task will consist more in completing these than in carrying out essential alterations.

I.—Alterations in the blast furnaces.

1. The height of each blast furnace and their hoist is to be increased by 6 feet, *viz.*, making their total height from bottom to top 61 instead of 55 feet, and the inner diameter of the furnace hearth to be increased from 5 feet to 6 feet.

2. The total square section of the nozzles should be raised from 20 to 35 square inches, the wind pressure from 5 to 8 inches mercury, and the number of the twyers should be doubled, *viz.*, the 3, as at present, should be increased to 6.

These alterations will increase the productive capacity of the furnaces which in general depends on the dimensions of the furnaces.

Next to the dimensions of the furnace it is the square section of the nozzles, the wind pressure, and the temperature of the same which, when raised, increase the productive capacity of the blast furnace; nevertheless these must remain in a certain ratio to one another, and must be kept within certain limits dependent on the inner dimensions of the furnace.

The doubling of the twyers has for its object a more effective distribution of the wind, which becomes more necessary as the square section of the furnace, before the twyers, is to be enlarged.

3. The water twyers should be made of bronze instead of cast iron (as at present), water boxes for cooling the hearth should be introduced, the angle of inclination of the boshes should be enlarged to 80°, and the inner form of the furnaces rounded off, so as to avoid all sharp angles and sudden transitions in order to secure a uniform descent of the melting column, and to avoid a derangement of function through a blocking up of the melting column.

It may be mentioned here that the blast furnace No. 1 of the Bengal Iron Works, although its inner dimensions had been theoretically correctly chosen, was within scarcely two years so much burned away inside, and got so much out of shape, that it had to be laid cold, which drawback was caused by nothing else than the sharp transitions between shaft and boshes, the steep angle of inclination of the boshes, and the total absence of water cooling of the hearth.

Blast furnaces of a correct inner form should work at least from 8 to 10 years without any appreciable interruption.

The object of using bronze instead of cast iron for the water twyers is to achieve greater durability of the same, which, as experience has shown, is in this case of special importance, as through faulty twyers water enters the blast furnace, which, it is well known, deranges its function, and may even cause dangerous explosions.

Besides, the bronze twyers, when used up, have still the value of their metal, whilst old cast iron twyers are of little value as material.

4. It is further recommended to introduce, in connection with the blast furnaces, Leirmann's arrangement for drawing off the slags, instead of the obsolete system employed in the Bengal Iron Works to allow the slags to flow over the dam plate by means of the cinder notch. It would lead me too far to set forth all the advantages of this system; a full description of it may be seen in the technical works of Dr. John Percy, Dr. Wedding and others. Suffice it to say that this system may be seen already in use in most blast furnaces of England, Germany and America.

5. The adoption is recommended of "Parry's cup and cone" for the furnace top and of all other arrangements for collecting, cleaning and conducting the blast furnace gases to the hot blast ovens and steam-boilers. "Parry's cup and cone" serves for closing the furnace top for the purpose of drawing off the gases, and at the same time also to facilitate an uniform and correct serving of the blast furnace with the raw materials, namely, iron ore, coke and limestone.

The apparatus combines simplicity with usefulness, and has also the advantage over all other apparatus of the same kind, that it renders possible so to serve the blast furnace that the workmen are in no way oppressed either by heat, dust, or by the poisonous gases always given off by the blast furnace when under serving.

Parry's cup and cone was first applied to a blast furnace at Ebbev Vale in South Wales, and has thence successfully spread to England, Germany and America.

In connection with Parry's cup and cone an arrangement is proposed for leading off and cleansing the blast furnace gases from dust, consisting of sheet iron pipes, in which at the bends dusting chambers are inserted.

The action of the dusting chambers is to suddenly increase the section of the gas conduit, whereby the velocity of the gases is reduced and the opportunity is given to the impurities to settle or precipitate themselves.

The most suitable form of this arrangement is the so-called "S apparatus." It is made of sheet-iron rivetted so as to be air-tight.

The bottom in one part does not join the sides (*vide* sketch in the margin), but is bent in a slanting form, so that a connection exists between the inner space and the outside air in the manner of the communicating tube.

The lower part of the apparatus is filled with water, which serves as a separation between the gas and the atmosphere. The here precipitated dust of the gases may from time to time be removed with a shovel through the opening C.

The water serves at the same time as a safety valve, as, in case of too high a pressure in the gas pipe, it is forced out.

This cleansing apparatus has been successfully applied to all the new blast furnaces in the east of France, and has already been copied in Germany, England and Austria.

The apparatus for burning the gases have to be applied separately to each furnace and each boiler.

Their arrangement aims chiefly at mixing thoroughly the furnace gases with the air necessary for burning them, and to conduct this mixture over a lighting fire, in order that the gases may be kept constantly burning, and the danger of their being extinguished be prevented, as in this case an explosive mixture of air and gases would be evolved.

Blast furnace gases consist chiefly of carbonic oxygen gas (C.O.) (*vide* " Report on the Bengal Iron Works," page 2), which, to reach the desired effect, has to be completely burnt to carbonic acid (C.O. 2).

An arrangement answering the foregoing requirements may be seen in several new iron-works in England and Germany. It was first introduced in Neustads in Hanover, and is constructed on a principle of Faher du Faur.

6. It is also recommended to connect with each blast furnace a reserve apparatus for heating the wind (*vide* " Report on the Bengal Iron Works, page 3 ").

7. It is further advised to introduce apparatus for utilizing the blast furnace slags in the fabrication of cement, artificial stones and " slag wool." (For particulars on this subject please see " Report on the Bengal Iron Works," page 2.)

II.—Apparatus required for preparing the raw materials.

1. Three ore crushers for the mechanical breaking up of the iron ore and limestone. (For particulars please see " Report on the Bengal Iron Works," pages 2 and 3.)

(2) Belgian cake ovens with a coal-washing apparatus.

The Burrakur coal has the following chemical composition :—

Fixed carbon	65	per cent.
Carbon combined on hydrogen	6·60	"
Hydrogen	4·94	"
Oxygen and nitrogen	9·32	"
Sulphur	0·44	"
Moisture	3·65	"
Ashes	10·05	"

This coal with so high component parts of carbon and hydrogen, although its percentage of ashes is rather high, must be considered as well suitable for metallurgical purposes.

The coke made of this coal at the local coal mines has 16 to 18 per cent. of ashes, and sells at more than double the price of the coal from which it is made.

Although the contents of fixed carbon in this coal is 65 per cent., and that of ashes 10·05 per cent. (therefore the percentage of unvolatile matter is about 75), the coke produced from it is only 50 per cent. ; this shortcoming being due not to the quality of the coal, but to the primitive arrangement for making the coke. The arrangement consists in open kilns where the access of atmospheric air is not to be despised ; but, on the other hand, under such conditions a considerable portion of the fixed carbon, the most valuable component of the coal in regard to the production of coke, is driven off along with other volatile substances as carbonic oxygen gas (C.O.) ; the outturn of coke is therefore poor, and the quantity of ashes considerably increased. It may here be observed that a large proportion of ashes in coke reduces its value very much, for purposes of its use in the blast furnace : ashes consist chiefly of silicic acid (Si. O.2) which, being almost infusible, requires a larger addition of limestone to melt it, and as a matter of course occasions a greater consumption of fuel. Besides, with coke rich in ashes a smaller quantity of carbon is distributed through a larger volume of matter, whereby the pyrometric effect of every description of fuel is diminished. In the Bengal Iron Works the production of one ton pig iron used to require the consumption of 36 cwt. of coke and 32 cwt. of limestone—a very unfavourable condition of working ; it will therefore be necessary to introduce a more favourable system of coke-making, namely, first to wash the coal, that is, to free it as much as possible from the substances producing the ashes, and then to " distil " it in closed furnaces.

For the treatment of coal in making coke the Belgian coke furnaces (system François and Rexroth) would give in one case the best results.

These furnaces yield 95 per cent. of the non-volatile components of the coal, and they are particularly suitable for India on climatic grounds, as the coke is removed from the furnace by a machine, by which the workmen are spared the enormous radiating heat. There is also a saving of coke through the quickness of the operation of removing it, as under a slow process some of it is lost by combustion.

These coke furnaces require no special firing ; they heat themselves with their own gases, which are led in channels around them, and having done their duty to the furnaces, they are collected into a common channel, say for 25 furnaces one, and are then utilized for heating steam boilers.

With this system of furnaces the Burrakur coal may be made to yield coke containing from 6 to 8 per cent. ashes only instead of 16 to 18 per cent. as now, which would raise its value as a fuel for the blast furnace by 20 per cent., and the consumption of coke per ton of pig iron would be reduced from 36 to 28 cwt.

It should also be mentioned that the refuse of coal in the washing basins, a sort of coal mud, may be utilized for heating the drying furnaces in the foundry and for other subordinate heating purposes. (Please see "Report on the Bengal Iron Works," page 3, drying furnaces.)

III.—Blowing engine.

1. It is recommended that a second blowing engine of the capacity of the present be acquired. The amount of wind which must be forced into a blast furnace depends on the quantity of coke which is burnt in it in a given time, and upon the percentage of carbon in this coke.

It must here be remembered that the whole of the carbon in the coke must be reduced to carbonic acid (C.O. 2) to produce the desired effect in the blast furnace.

The present blowing engine may be estimated at a maximum effect of 5,980 cubic feet air per minute, but this is only half the requirement, which can be shown to be 11,344 cubic feet per minute; therefore, if the two blast furnaces are to turn out 80 tons of pig iron per 24 hours, a second blowing engine of the same effect as the present one is required. The calculations to the above will be found in Appendix No. 1 (page 31).

2. The steam boiler establishment belonging to the blowing engines also will have to be proportionally increased to 440 horse-power, as the present one is only sufficient to yield 100 horse-power. For calculations please see Appendix No. 2 (page 33).

It must be mentioned here that the Bengal Iron Works Company never worked the two blast furnaces at the same time, which is chiefly due to the insufficiency of their boiler establishment being only able to furnish the motive power for the production of 20 tons of pig iron per 24 hours, although the blowing engine, blast furnaces, and hoist, chimney, &c., are corresponding to 40 tons production per 24 hours.

3. With the employment of a second blowing engine the dimensions of the blast conduit and regulator of blast will have also to be proportionally enlarged.

IV.—Storeyard for iron ore, limestone and fuel.

To keep up a sufficient stock of the raw materials in a proper way a better arrangement for their deposit is required. How this is to be managed may be seen from the annexed plan No. 1 (*vide* mixing plans and filling bank).

Under the circumstances before us a large stock of the raw materials is not required, as they are to be had in the immediate neighbourhood of the iron works, and there is no fear of interruption in their regular delivery. Without regard to the dead capital lying on large stores, there is a difficulty in controlling them; they take up a large space, and cause other inconveniences.

As regards iron ores and limestone, a store for three months is ample. Of coal not more than a monthly store should be kept, as coal loses through long exposure to the air greatly in its value in consequence of the evaporation of the valuable carburetted hydrogen gases, especially during the dry season.

V.—Alterations on the foundries.

1. It has already been pointed out in my "Report on the Bengal Iron Works" (page 3) that the casting direct from the blast furnace, namely, without remelting the pig-iron in the cupola furnace, is recommended.

To attain this it is advisable to remove the standing Foundry No. 1 close to the blast furnaces (*vide* plan No. 1). This can be easily done, as the foundry shop mentioned only consists of a roof of corrugated sheet iron, supported by pillars and rolled beams. Most of the pillars are of wood, and should be replaced by cast iron pillars. As, however, the foundry shop No. 1 alone would not be sufficiently large for the production of 80 tons sleepers per day, and the foundry No. II being built of stone cannot be removed, the enlargement of foundry No. I and the erection of a new one (*vide* plan No. I) will become necessary.

2. The foundry shop No. II can be especially arranged for making pipes; the necessary alterations in the drying furnaces and the other arrangement for casting and tiering pipes have already been treated off in my "Report on the Bengal Iron Works" (pages 3 and 4).

3. The cupola furnaces attached to the foundry remain as a reserve in order to remelt the pig iron produced from the blast furnaces on Sundays and holidays (as the working of the blast furnaces cannot be stopped on such days), and to utilise the scraps of the foundries.

A slight alteration in their construction is recommended according to a principle invented by Fauler in Freyburg (Bavaria); to explain this invention in detail would lead too far, suffice it to say (*a*) that it has proved practicable since the last 5 years; (*b*) that its virtues lie in the saving of 15 per cent. of fuel; and (*c*) that it can be cheaply introduced in the present arrangement of the cupola furnaces.

4. It is further recommended to use moulding machines for making sleepers.

These machines serve to lift the pattern out of the sand *strictly vertical*, which can never be correctly accomplished by hand, in consequence of which much labour and time is lost in repairing the mould.

These machines are especially adapted where many castings of *one* pattern are required, which is therefore suitable in our case.

5. The introduction of an apparatus to gain the "wash iron" out of the used sand of the foundry and the pig bed shed of the blast furnaces is advised.

This apparatus is an inexpensive arrangement, by which the greater part of the spilled cast iron can be regained; it renders 2 per cent. of the production of castings, namely, about 1½ tons "wash iron" per diem.

VI.—Alteration in the chief water-supply.

In consequence of the proposed enlargement of the foundry and the blast furnaces, the cooling apparatus for the latter, and the erection of coke furnaces, &c., the present arrangement for water-supply will not be sufficient. Besides this, the present way of supplying water is so complicated a one that it can bear being simplified by this opportunity. It consists now in pumping out the water from the Barakar river by means of a large pumping engine erected on its banks, and leading it through cast-iron pipes of 10-inch diameter for a distance of about 1¾ miles to a tank near the iron works; from there the water is pumped up to a height of about 10 feet into a second smaller tank, from whence it is led by means of pipes to wells situated near the blast furnaces and the foundries; here it is pumped for the *third* and last time into the highwater reservoirs, from whence at length it is led to its destination. To avoid this roundabout way it is recommended to erect a highwater reservoir, for about 15,000 cubic feet contents, on the border of the large tank, and to lead it from thence directly to its destination.

As the required quantity of water is rather large, and the difference between the water levels of the tank (from where the water is to be pumped *out*) and the highwater reservoir (where it is to be pumped *in*) will be not more than about 30 feet, *centrifugal pumps* are recommended.

VII.—Buildings and out-houses.

1. The greater part of the out-houses belonging to the works were built of mud walls with thatched roofs, and are now in a tumble-down condition, leaving only the stones lying about, which will do for rebuilding them.

2. For native workmen it is recommended to make a bathing tank, which can be easily done by enlarging the present one.

3. The erection of huts for about 600 coolies is also advised.

4. A boundary wall round the works should also be erected in a substantial way so that it answers the purpose. Although it is rather expensive, most of the iron works are provided with one, as the damage caused by running away of workmen, unbidden visitors, and stealing, justifies the greater expense of a wall.

This wall must be about 7½ feet high, and must be provided with sharp objects (the simplest ones being blast furnace slags) built in on the top in order to prevent the scaling of the wall.

VIII.—European workmen.

With regard to European workmen for iron working in general, I refer to the "labour question" treated of in my Report on Chanda (page 10).

To start the works, in order to produce 80 tons castings per 24 hours, the following European working have to be brought out from Europe:—

(1) One blast furnace foreman.
(2) Four first men for the blast furnaces.
(3) Four second men for ditto.
(4) Four third men for ditto.
(5) Two workmen for the coke furnaces.

IX.—Amount of production.

The cast-iron parts for one sleeper (broad-gauge railway) weigh, including jaws, about 188lbs.; the sleepers lie at a distance of one yard, centre to centre from each other; this gives a consumption of 148 tons of cast iron per running mile railway.

Therefore, with the proposed arrangements (which allow the production of about 80 tons of sleepers per 24 hours) it would be possible to yield the requirement of *sleepers for about half a mile of railway per day.*

Approximate estimate

for the improvements and repairs of the Bengal Iron Works for the production of 80 tons of cast-iron sleepers and other castings per 24 hours (*vide* plan No. 1).

I.—Furnaces and Machinery.

(*a*)—*For the blast furnaces*—

	Rs.
3 ore-crushers	7,200
Derrick and steam engine for the same	2,500
Raising of the blast furnaces and their hoist by 6 feet and repairs on the casing of the furnaces	14,000

	Rs.
"Parry's cap and cone" on each blast furnace	2,500
Twyers, nozzles, water-boxes, damplates, and other cast and wrought-iron parts for the furnaces	3,500
Apparatus for catching, purifying and distributing the blast furnace gases to hot blast ovens and steam boilers	25,000
New inside lining for the two blast furnaces	3,500
Two new hot blast ovens	8,000
Ten new steam boilers ... ... Rs. 45,000 } Masonry mountings ... ... „ 15,000 }	60,000
Repairs on the standing steam boilers and hot blast ovens	7,000
Increasing of the wind conduit, regulator of blast, steam and water-pipes, &c.	10,000
One new blowing engine with two water-pumps, including foundations	40,000
Cinder and ore tubs, scales, tools, &c.	14,000
Apparatus for the gaining of "wash iron"	3,000
(b)—For the coke furnace—	
Coal-washing apparatus, including steam engine, washing basins, &c.	35,000
50 Belgian coke furnaces for the production of 120 tons coke per 24 hours, including steam engine, tools, &c.	72,000
(c)—For the foundries—	
15 moulding machines for cast-iron sleepers	15,000
Changes on the cupola furnaces, and providing them with water-cask elevators	2,500
Alteration in the arrangement for casting and tiering pipes	7,500
Moulding boxes, patterns, ladles, tools, &c.	10,000
About 2,000 running feet small railway, including turntables	4,500
Repairs on the standing machinery and shifting of the principal railway	4,000
(d)—For the water-supply—	
One highwater reservoir on the banks of the water tank for 15,000 cubic feet contents	8,000
Two centrifugal pumps, including steam engine transmissions and fittings of the reservoir	4,500
II.—Buildings and Earthworks.	
(a)—For the blast furnaces—	
Ore-crush house	5,000
New mixing place and filling banks	18,000
One blowing-engine house	7,500
One new chimney 120 feet high	4,000
Repairs on the standing chimney and providing it with iron anchorage	1,000
Two slag wool houses	1,000
(b)—Coke furnaces—	
Building and chimney for the coal-washing machinery	7,500
(c)—For the foundries—	
Transport and increase of the standing foundry shop No. 1 and replacement of the wooden by cast-iron pillars	9,400
Erection of a new foundry hall close to the blast furnaces	24,600
(d)—Out-houses—	
Repairs on the standing out-houses and furniture for office and dwelling houses for European workmen	15,000
One large bathing tank for Native workmen	2,000
Native huts for about 600 coolies	6,000
Boundary wall	8,000
III.—Working Capital.	
Amount invested in stores	70,000
Reserve funds	1,00,000
IV, Engagement and bringing out of 16 Europeans...	8,000
Total Rs.	6,50,200

Recapitulation.

Cost of Furnaces and Machinery	3,63,200
„ of Buildings and Earthwork	1,09,000
Working Capital	1,70,000
Engagement and bringing out of 16 European workmen	8,000
Total Rs.	6,50,200

APPROXIMATE COST OF PRODUCTION.

1—*Cost of one ton grey pig iron.*

1·95 tons iron ore at 12 annas per ton	1·46
1·40 „ coke at Rs. 8 per ton	11·20
1·10 „ limestone at Rs. 4 per ton	4·40
Wages	3·94
Management, wear and tear, &c.	7·00
Total Rs.	28·00

2—Cost of one ton cast-iron sleepers, cast directly from the blast furnace.

1·05 tons grey pig iron at Rs. 28	Rs.	29·40
0·40 „ coal for heating boilers at Rs. 2½	„	1·00
Wages	„	12·60
Management, wear and tear, &c.	„	4·00
Total Rs.		47·00

3—Cost of one ton cast-iron pipes cast from the cupola furnaces.

1·08 grey pig iron at Rs. 28	Rs.	30·24
0·40 tons coal at Rs. 2·5	„	1·00
0·10 „ coke at Rs. 8	„	0·80
Wages	„	16·46
Management, wear and tear, &c.	„	5·50
Total Rs.		54·00

REMARKS.—In the calculation of the costs of production, the *actual* expenses are only taken into account *excluding* interest of capital invested in one iron work.

2. The prices are given in rupees, per ton, at the works.

Comparative statement showing the difference of prices of cast iron goods in different Railway Stations.

NAMES OF STATIONS.	CAST-IRON RAILWAY SLEEPERS.			CAST IRON PIPES.		
	English prices.	Our cost prices.	Difference in our favour.	English prices.	Our cost prices.	Difference in our favour.
Howrah ...	59·0	53·7	5·3	80·0	60·7	19·3
Barakar ...	65·7	47·0	18·7	86·7	54·0	32·7
Dinapore ...	75·7	57·0	18·7	96·7	64·0	32·7
Agra	98·0	80·0	18·0	117·0	87·0	30·0
Gwalior	107·0	89·0	18·0	126·0	96·0	30·0
Lahore	117·0	99·5	18·0	136·5	106·5	30·0
Mooltan	127·0	109·0	18·0	146·0	116·0	30·0

REMARKS.—The prices are given in rupees per ton, including freight; the latter is calculated at the rates for first class railway goods.

Appendices.

Appendix No. 1. The quantity of air required per minute is calculated by the equation.

$$Q = 1{\cdot}1\ A.\ P. \quad \ldots \quad \text{No. 1.}$$

where Q is the quantity of air in cubic feet to be introduced in the blast furnaces per minute;
A is the consumption of coke per 24 hours expressed in tons;
P is the proportion of carbon in the coke.

If, as proposed, Belgian furnaces with washing apparatus will be used for the manufacture of coke from the Barakar coal, the proportion of carbon in the coke will be $P = 92$, and the consumption of coke per 24 hours will be $A = 112$ tons, the outturn of pig iron with this fuel by the two blast furnaces being assumed at 80 tons per 24 hours.

By substituting these values in equation No. 1 we get $Q = 1{\cdot}1 \times 112 \times 92 = 11{\cdot}344$ *cubic feet of air* required per minute for both blast furnaces together.

The effect of the present blowing engine in the Bengal Iron Works is calculated by the equation:

$$9' = \alpha\ .f.\ v.\ n. \quad \ldots \quad \text{No. 2.}$$

where $9'$ is the quantity of air in cubic feet which can be delivered by the blowing engine per minute;

f the inner section of each cylinder in square feet: in the present instance $f = 23$;

v the speed of the piston in feet per minute, the maximum in the present instance being assumed at 200.

n, the number of cylinders: in the present instance $n \parallel 2$; and

α, the working effect of the blowing engine inclusive wind conduit, which may be assumed to be in this case 0·65, namely 35 per cent. of the theoretical effect being lost through leakage in the wind conductors, especially in the hot blast ovens.

Substituting these values in equation No. 2, we get the maximum effect of the present blowing engine $9' = 0{\cdot}65 \times 23 \times 200 \times 2 = 5{,}980$ cubic feet per minute, that is to say, about half of what is required, which, as found before, is *11,344 cubic feet* per minute.

Appendix No II—The necessary motive power for the two blowing engines is calculated by the equation:

$$N. = \frac{1}{G\,\alpha} \times 0{\cdot}0045\ P.\ Q. \quad \text{.....No. 3.}$$

where N is the requisite number of horse powers to drive the two blowing engines;

G. the working effect of the steam engine, in our case 0·75 per cent;

α. the working effect of the blowing engines and wind conduit; as before 0·65 per cent.;

P. the pressure of the wind on the nozzles; in our case P = *4lbs.* per square inch; and

Q. the quantity of air and cubic feet per minute, as previously calculated = *11,344*

These values substituted in equation No. 3 we get.

$N. = \frac{1}{0{\cdot}75 \times 0{\cdot}65} \times 0{\cdot}0045 \times 4 \times 11{,}344 =$ *420·5 horse power*, being the requisite motive power for the two blowing engines.

Besides the blowing engines there is required the necessary motive power for driving the hoist, and the feeding pumps for the boilers, which consume about 20 horse power; therefore altogether a steam boiler establishment of 440 horse power will be required to serve the whole machinery belonging to the blast furnaces.

The standing steam boiler establishment consists of 7" "egg-ended boilers," each of which having a total length of 28 feet and 5 feet diameter, representing a "fire surface" (the part of the boilers in contact with the fire) of 230 square feet per boiler.

Considering the construction of these boilers a "fire surface" of 16 square feet can be calculated for each horse power; therefore a real effect of about 100 *horse power* can be furnished by the seven standing boilers together ($\frac{230 \times 7}{16} = 100$).

But as this motive power answers only for the production of 20 tons pig iron per 24 hours, the erection of a second steam boiler establishment is required to furnish the necessary effect of 440 horse power.

It must be observed that two steam boilers must be kept as a reserve in case those in use require cleaning or repairing.

BURRAKUR;
The 16th June 1882.

(Sd.) R. C. VON SCHWARZ.

The manufacture of wrought iron and steel at the Bengal Iron Works.

For the manufacture of wrought iron and steel, and especially for the production of rails, beams, girder, and ship plates, &c., on a large scale, the introduction of the *basic* Bessemer process is recommended. With this process the contents of phosphorus in the pig iron (produced from the Barakar iron ores) can be reduced from 1·36 to 0·04 per cent., and therefore a quality of wrought iron and steel produced, which is suitable for the production of steel rails, rolled beams, &c. (An analysis of the pig iron produced by the Bengal Iron Work Company is shown in my report on the Bengal Iron Works, page 3.)

The Spiegeleisen (specular cast iron) for the production of steel in the Bengal converter cannot be obtained from the Barakar iron ores on account of their impurities and their too small contents of manganese. "Spiegeleisen" has therefore to be imported.

It is of great importance in the *basic* Bessemer process to procure a suitable basic fire-proof material for the inner lining of the converter, as imperfect material for this purpose would cause costly interruption of the work by the wearing out of the lining too quickly. Besides, the making of basic fire bricks is very expensive, and the renewing or repairing of the inner lining of a Bessemer converter is a disagreeable and tedious labour, as the workmen have to suffer great heat and the work has to be done carefully and exactly.

Dolomite (magnesium limestone) has proved the best material in practice for the purpose, and such is to be found near Ramlallpur, about 7 miles south of Raneegunge, and near Purda (Lat. 22° 59′ 15″; Long. 86° 37′ 45″). Dolomite of an excellent quality also occurs in the stream beds near Darjeeling, where it is rolled down from a range of hills composed of dolomite, which occurs just beyond the British boundary in Bhootan; the same rock also occurs east of Baxa in British territory (Mem. G. S. T., Vol. XI, page 83).

The following is an analysis of this dolomite:—

Carbonate of lime (Co. O. Co2)	60·5
Ditto „ magnesia (Mg. O. Co2)	38·7
	0·3
	99·5

Although this dolomite will be rather expensive to procure, it may pay to use it for the converter lining for the reasons explained. The pig iron has to be re-melted in cupola furnaces, as it is not sufficiently pure and regular for this process to be led directly in a liquid state from the blast furnaces into the converter.

Amount of Production.

It is a general rule to produce as large a quantity as possible in a rails rolling mill in order to distribute the high expenses for workmen and establishment, combined with such an undertaking over a great amount of production.

As we are not depending here on vegetable fuel but all raw materials are to be had in unlimited quantities, it is the manual aptitude and practice of the workmen serving the rolling mill and the converting department which furnishes the basis for the quantity of production. In England and America the most astonishing results in this direction have been attained; the average outturn of a *single* rails rolling mill is there 440 tons of finished rails per 24 hours, but exceptionally also 600 tons have been turned out in the same time when making "double headers" of 80 lbs. per yard.

It is very doubtful whether such results can be attained here, therefore the annexed calculations of the cost of production are, for security, based on a production of 200 tons of finished rails per 24 hours.

It must be mentioned that in a rails rolling mill also rolled beams, rolled sleepers, girder and ship plates and other rolled iron or steel goods of the stronger kind can be produced if the necessary cylinders (rollers) are provided.

To provide the necessary pig iron for the production of 200 tons of finished rails per diem, it is not advisable to use the existing blast furnace establishment, this being only constructed for a production of 40 tons per diem, for both blast furnaces, whilst about 200 tons of pig iron are wanted.

These blast furnaces should be put in thorough order for making pig iron for castings only, for which purpose they were originally built. For the production of the pig iron for the rolling mill it is recommended to erect a new blast furnace establishment consisting of two blast furnaces on the declivity of a small hill, which is at a distance of about 1,000 yards from the existing establishment. The railway siding can be prolonged up hill to a length of about 1,000 yards, rising to a maximum height of 50 feet in order to form a viaduct from which the raw materials can be thrown over for the purpose of concentrating the stock in a comparatively small space (*vide* Report on the Bengal Iron Works, page 1).

Each of these new blast furnaces can be constructed for an outturn of 100 tons of pig iron per 24 hours, giving at the same time better results than the existing blast furnaces would yield with regard to the consumption of fuel and cost of labour, management, wear and tear, &c., for well known reasons.

This establishment should be constructed in such a manner that an increase of it by a third or fourth blast furnace could be accomplished (if the requirements of the rails rolling mill should be augmented) without interfering with the original system and without disturbance to the work of the existing establishment.

The scraps of the rails yield a suitable material for the manufacture of wire as is done in Cleveland: a Bessemer establishment producing daily 200 tons of rails can in this wise turn out 20 to 25 tons of wire in the same time.

The slag of the basic Bessemer process, owing to its contents of phosphate of lime, can be used as manure, as is the practice in Germany.

The puddling and welding process.

For the production of bar-hoop and façon iron of the smaller kind the introduction of the puddling and welding process is recommended. The contents of phosphorus in the pig iron can be reduced in the puddling furnace from 1·36 to 0·25 per cent., and thus renders a material suitable for the manufacture of bar iron of the so-called "refined" quality.

The existing blast furnaces can be arranged for the outturn of about 80 tons of white pig iron per 24 hours, which would yield the necessary material for the production of about 62 tons of small bar iron, façon iron, &c. It may be mentioned that for the production of small façon iron (double T. V. iron, bridge rails, &c.) a small contents of phosphorus is necessary, in order to enable the iron to fill out the complicated shapes of the calibres of the rollers. The circumstances in our case are therefore especially adapted for this purpose.

Railways and Tramways.

As the iron ores of Burrakur are to be had in unlimited quantities in the immediate neighbourhood of the works, and as they can be obtained by simple surface digging, the erection of a tramway for their transport is not necessary; they can be cheaper transported by carts.

Limestone occurs in Pacheet and Hansapathar, at a distance of about 8 and 10 miles from the works. For the making of 200 tons rails and 80 tons castings per diem (as proposed) about 320 tons of this limestone would be required daily. It is therefore advisable to construct a tramway for its transport.

This tramway, however, would have to cross the Damuda river, and this can be done by means of a "causeway," as a bridge over that river (at least for the present) would be too expensive.

The river can in this wise be crossed for 7½ months in the year, and a store of limestone for the remaining four and half months (during the rainy season) has to be kept at the works. The transport of coal to the works and that of finished goods from the works is managed by the East Indian Railway (Seetarampore-Burrakur Line), with which the works are connected by means of a siding.

APPROXIMATE COST OF PRODUCTION.

(1) Cost of one ton grey pig iron for the Bessemer process—

	Rs.
1·95 tons iron ore at 12 annas per ton	1·46
* 1·20 tons coke at Rs. 8 per ton	9·60
1·10 tons limestone at Rs. 4 per ton	4·40
* Wages	3·54
* Management, wear and tear, &c.	6·00
Total ...	25·00

(2) Cost of one ton Bessemer steel rails—

	Rs.
1·22 tons grey pig iron at Rs. 25	30·50
0·06 tons Spiegelesen iron at Rs. 120	7·20
0·12 tons coke at Rs. 8	0·96
1·20 tons coal iron at Rs. 3	3·60
0·20 tons burnt lime at Rs. 8	1·60
Wages	9·64
Management, wear and tear, &c.	9·50
Total ...	63·00

(3) Cost of one ton Bessemer iron rails—

	Rs.
1·28 tons grey pig iron at Rs. 25	32·00
0·12 tons coke at Rs. 8	0·96
1·20 tons coal at Rs. 3	3·60
0·25 tons burnt lime at Rs. 8	2·00
Wages	9·34
Management, wear and tear, &c.	9·10
Total ...	57·00

(4) Cost of one ton white pig iron for the puddling process—

	Rs.
1·95 tons iron ore at 12 annas	1·46
1·05 tons coke at Rs. 8	8·40
1·10 tons limestone at Rs. 4	4·40
Wages	3·44
Management, wear and tear, &c.	6·30
Total ...	24·00

(5) Cost of one ton puddled bar and façon iron—

	Rs.
1·25 tons white pig iron at Rs. 24	33·00
2·50 tons coal at Rs. 3	7·50
Wages	11·70
Management, wear and tear, &c.	12·80
Total ...	62·00 (?)

Comparative statement showing the difference of prices of iron and steel goods in different Railway Stations.

Names of Stations.	Bessemer Steel Rails.			Bessemer Iron Rails.			Puddled Bar Iron "Refined."		
	English prices.	Our cost prices.	Difference in our favour.	English prices.	Our cost prices.	Difference in our favour.	English prices.	Our cost prices.	Difference in our favour.
Howrah ...	85·0	69·7	15·3	70·0	63·7	6·3	115·0	68·7	46·3
Burrakur ...	91·7	63·0	28·7	76·7	57·0	19·7	121·7	62·0	59·7
Dinapore ...	101·7	73·0	28·7	86·7	67·0	19·7	131·7	72·0	59·7
Agra ...	124·0	96·0	28·0	109·0	90·0	19·0	152·0	95·0	57·0
Gwalior ...	133·0	105·0	28·0	118·0	99·0	19·0	161·0	104·0	57·0
Lahore ...	143·5	115·5	28·0	128·5	109·5	19·0	171·5	114·5	57·0
Mooltan ...	153·0	125·0	28·0	138·0	119·0	19·0	181·0	124·0	57·0

* The consumption of coke in a blast furnace per one ton of pig iron is smaller when the production in a given time is greater; also the expenses for wages, management, and wear and tear diminish with the increase of production.

Approximate Estimate of an iron work producing 200 tons Bessemer steel rails per diem (see plan No. 111).

I.—Furnaces and machinery—

(*a*) For the blast furnaces—

	Rs.	Rs.
5 ore crushes	12,000	
2 blast furnaces, each producing 100 tons of pig iron per 24 hours, cast and wrought iron parts	1,30,000	
Masonry	30,000	
		1,60,000
1 hoist for iron ores, coke and limestone		25,000
2 blowing engines, each for 12,500 cubic feet air per minute, with two water pumps—		
Machinery	1,20,000	
Foundation	20,000	
		1,40,000
6 large hot blast ovens cast and wrought iron parts	30,000	
Masonry	10,000	
		40,000
Apparatus for catching, purifying, and cleaning the blast furnace gases and distributing them to the steam boilers and hot blast ovens ...		40,000
Regulator of blast, blast main stream, and water-pipes		25,000
Steam boilers for 1,100 horse power boilers	1,10,000	
Masonry and mounting	40,000	
		1,50,000
2 water reservoirs, each for 20,000 cubic feet contents		20,000
Cinder and ore tubs, scale, tools, &c.		20,000

(*b*) For the Bessemer and rolling mill—

3 larger cupola furnaces (system Fauler) for re-melting the pig iron, including hydraulic lift—

Cast and wrought iron parts	20,000	
Masonry	4,000	
		24,000

2 small cupola furnaces (for melting the "Spiegeleisen") including lift—

Cast and wrought iron	5,000	
Masonry	1,500	
		6,500

2 Bessemer converters, each for 6 tons contents—

Cast and wrought iron	18,000	
Masonry	4,000	
		22,000

3 drying furnaces with cranes :—

Cast and wrought iron	2,500	
Masonry	2,000	
		4,500
6 gas furnaces for re-heating the Bessemer Ingots and Blooms, including cranes, cast and wrought iron parts	30,000	
Masonry	11,000	
		41,000

1 blowing engine for the Converting Department :—

Machinery	36,000	
Foundations	6,000	
		42,000

1 hydraulic crane for 10 tons maximum weight :—

Machinery	7,500	
Masonry	2,000	
		9,500

3 hydraulic cranes for 4 tons maximum weight :—

Machinery	5,000	
Masonry	1,500	
		6,500

1 water pump with accumulator for the hydraulic machinery :—

Machinery	10,000	
Masonry	3,000	
		13,000

1 blowing mill, with 250 horse-power steam engine and 45 tons fly wheel :—

Machinery	70,000	
Masonry (foundation)	8,000	
		78,000

	Rs.	Rs.
1 rails mill with 300 horse-power steam engine and 40 tons fly wheel :—		
Machinery	90,000	
Foundation	11,000	
		1,01,000
1 steam hammer for cutting Bessemer blooms, including crane :—		
Machinery	15,000	
Foundation	5,000	
		20,000
24 steam boilers, each for 30 horse-power :—		
Boilers	72,000	
Masonry and mountings	24,000	
		96,000
2 water reservoirs, each for 15,000 cubic feet		15,000
2 water pumps, including steam engine		6,000
3 steam boiler feeding pumps, including steam engines		4,800
1 large scale for weighing the Bessemer blocks :—		
Machinery	2,500	
Masonry	1,500	
		4,000
Rails finishing plant, circular saws, drilling, straightening and slotting engines, &c.		30,000
Cooling beds for rails		5,000
1 45 horse-power steam engine for the rails finishing plant—		
Machinery and transmissions	5,500	
Foundation	700	
		6,200
Steam, water and air pipes, and 2 root's blowers		16,000
Fans, railways, wagons, ingots, moulds, scales, tools, &c.		14,000
1 large lathe for the cylinders		5,000
(c)—For the coke furnaces—		
2 coal-washing apparatus, including steam engines, disintegrators, basins, &c.		70,000
100 Belgian coke furnaces, including steam engine, tools, &c.		1,42,000
II.—Buildings—		
(a)—For the blast furnaces—		
Ore crush house		8,000
Mixing place and filling bank for ore, limestone and coke		30,000
2 blowing engine houses		24,000
Building for the hoist		12,000
Foundry hall		22,500
2 chimneys, each 120 feet high		8,000
Channels and drains		6,000
(b) For the Bessemer mill—		
Bessemer and rolling mill		3,00,000
2 Chimneys, 120 feet high		8,000
Channels, drains, &c.		6,000
(c) For the coke furnaces—		
Building and chimney for the coal-washing machinery		12,000
(d) Workshops and out-houses—		
2 Blacksmith's shops with interior arrangements		25,000
Store rooms		12,000
Scale and porter house, including scale		5,000
Dwelling houses, barracks, offices, &c.		60,000
Native huts for about 1,000 coolies		10,000
Boundary wall		12,000
III.—Working Capital—		
Amount invested instores		1,50,000
Reserve funds		1,00,000
IV.—Earthwork—		
Levelling, ditches, tanks, &c.		20,000
V.—Tramways and Railways—		
10 running miles tramway for bringing the limestone, @ Rs. 12,000 ...		1,20,000
Prolongation of the railway siding for 1,000 yards ...		50,000
VI.—Engagement and bringing out of 70 Europeans ...		35,000
Total ...		24,49,500

Recapitulation.

Cost of Furnaces and Machinery	14,14,000
" Buildings and Earthworks	5,80,500
" Tramways and Railways	1,70,000
" bringing out Europeans	35,000
Working Capital	2,50,000
Total ...	24,49,500

An iron work producing daily 200 tons Bessemer steel rails costs Rs. 24,49,500.

Conclusion.

The local circumstances with regard to the quantity and quality of the raw materials at the Burrakur Iron Works are specially adapted for the production of rails, rolled beams, girder and ship-plates and other rolled goods of the stronger kind on a large scale, and for the production of ordinary castings, as railway sleepers, pipes, pillars, &c., as well as for the manufacture of bar and façon iron of "refined" quality.

The raw materials are to be had in unlimited quantities, and cheap enough to produce iron and steel goods of the above kind at competition and profitable prices, if the manufacture of them is conducted on modern principles.

With the proposed improvements and arrangements, namely,—

(1) putting the existing blast furnace establishment and foundries into thorough order for the production of castings,

(2) the erection of a new establishment for making rails, &c.,

the daily outturn of the whole work would be—

(1) 80 tons ordinary castings (principally railway sleepers); and

(2) 200 tons rails, beams, and other rolled goods of the *stronger* kind.

The production of puddled bar and façon iron, if desired, could be begun on a much smaller scale than the production of rails, and would still pay: the two existing blast furnaces could be arranged—*one* for the production of *grey* pig iron for castings, and the *other* for the manufacture of *white* pig iron for the puddling process; in this wise there could be turned out daily—

(*a*) 20 tons of ordinary castings, and

(*b*) 18 tons of bar and façon iron.

The cost of this arrangement would be about 5 lakhs of rupees in all. Owing to the geographical situation of the works, and considering the railway freight for iron goods prevailing in India, the most profitable sale districts for iron and steel goods, made at Burrakur, would be Bengal, the North-Western Provinces and Oudh, and they could also be sold in Central India and Punjab at competition prices.

BURRAKUR;
The 30th June 1882.

(Sd.) R. C. VON SCHWARZ.

Approximate estimate for the improvements and repairs of the Bengal Iron Works for the production of forty tons of cast iron sleepers and other castings per 24 hours (vide plan No. II).

I.—FURNACES AND MACHINERY.

(*a*)—*For the Blast Furnaces*—

	Rs.	Rs.
Two ore crushrs		4,800
Derrick and steam engine for the same		2,000
"Parry's cup and cone" for each blast furnace		2,500
Repairs on the casing of the blast furnace		3,000
Tuyers, nozzles, water boxes, damplates and other cast and wrought iron parts for the blast furnace		2,500
Apparatus for catching, purifying and distributing the blast furnace gauges to the hot blast ovens and steam boilers		20,000
New inside lining for the two blast furnaces		3,500
One new hot blast—blast ovens		4,000
Four new steam boilers—boilers	18,000	
Masonry and mountings	6,000	24,000
		66,800
Repairs on the standing steam boilers and hot blast ovens		7,000
Increasing of the wind conduit, steam and water pipes		5,000
Cinder and ore tubs, scales, tools, &c.		10,000
Apparatus for making "wash iron"		3,000

(*b*)—*For the Coke Furnace*—

Coal washing apparatus, including steam boilers, steam engine, and washing basins ...	25,000
Twenty-five coke furnaces for the production of 60 tons coke per 24 hours, including steam engine, &c.	42,000

(*c*)—*For the Foundries*—

Eight moulding machines for cast iron sleepers	8,000
Changes on the cupola furnaces and providing them with water cask elevators ...	2,500
Alteration in the arrangement for casting and tiering pipes	7,500
Moulding boxes, patterns, ladles, tools, &c.	7,000
About 1,500 feet small railway, including turntable	3,700

(d)—For the Water-supply—

	Rs.
One high-water reservoir on the banks of the tank for 10,000 cubic feet water ...	6,000
Two centrifugal pumps (each 3″ diameter of delivery pipe) including steam engine transmissions and fittings for the reservoir	3,500

II.—BUILDINGS AND EARTHWORKS.

(a)—For the Blast Furnace—

One crush house	4,000
Mixing place and filling bank	12,000
Anchorage and repairs on the chimney	1,000
Arrangement for making slagwool	1,000

(b)—Coke Furnace—

Building and machinery for the coal washing machinery	7,500

(c)—Foundries—

Transport and increase of the foundry shop No. 1 and replacement of the wooden by cast iron pillars	9,400

(d)—Out-houses—

Repairs on the standing out-houses and furniture for office and dwelling-houses for European workmen	15,000
One large bathing tank for native workmen	2,000
Native huts for about 400 coolies	4,000
Boundary wall	8,000

III.—WORKING CAPITAL.

Amount invested in stores	40,000
Reserve funds	70,000
IV.—ENGAGEMENT AND BRINGING OUT OF 16 EUROPEANS ...	8,000
Total ...	3,78,400

Recapitulation.

Cost of furnaces and machinery	1,96,500
Cost of buildings and earthworks	63,900
Working capital and reserve funds	1,10,000
Cost of bringing out Europeans	8,000
Total ...	3,78,400

The 20th June 1882. (Sd.) R. C. VON SCHWARZ.

REPORT ON THE BENGAL IRON WORKS.

Parts of works.—The works consist essentially of two blast furnaces, each capable of producing 20 tons of grey pig iron for castings per 24 hours, and of a casting establishment of two separate buildings, with all necessary machinery, finishing and repairing workshops; also of offices, store-rooms, scale-houses, water reservoirs, dwellings, &c.

Situation.—The situation of the works may be described in general to have been well chosen, as the principal raw materials, namely, the iron ores, coke and limestone, are found in the immediate neighbourhood and in sufficient quantities. It would, however, have been better if the works had been built on the Barrakur river, which is at a distance of about $1\frac{3}{4}$ miles, as the water required for them is not to be found in the present situation, but must be led to them from that river.

This shortcoming has rendered necessary the establishment of a special and expensive pumping engine with boilers, and a water conduit of about 8,500 feet in length, consisting of 10-inch cast iron pipes. This water conduit alone may have cost Rs. 50,000, which might have been saved if the works had been built immediately on the river.

Raw materials.—The *iron ores* are brown hematite, and consist of 47 per cent. of metallic iron on an average, or 78 per cent. of hydrate sesquioxide of iron ($2Se_2\ O_3$, $3\ H\ O$): the impurities are 12 per cent. silicic acid ($S_1\ O_2$) and 6 per cent. aluminia (Al_2, O_3), the rest being protoxide of manganese ($Mn\ O$), phosphoric acid ($P\ O_5$), and traces of sulphur. The iron ores are found close to the iron works and on the surface of the ground; there is, therefore, no expensive mining arrangements necessary; they can be delivered at the iron works for 12 annas per ton, inclusive of all costs.

The *coke* is made likewise near the works, as the coal mines are near. The coke is well burnt, but contains a good deal of ashes. It costs when delivered at the iron works from Rs. 8 to Rs. 10 per ton, according to quality.

The *limestone* is obtained from a distance of above 5 miles. It consists of $71\frac{1}{2}$ per cent. of cacium carbonate ($Ca\ O\ Co_2$), 17 per cent. other alkalies, and $11\frac{1}{2}$ per cent. silicic acid ($Si\ O_2$). This limestone, on account of the heavy contents of silicic acid, cannot be considered very satisfactory for the blast-furnace process; in fact, through the 12 per cent. silicic acid in the ores the heavy percentage of ashes in the coke (consisting also chiefly of silicic acid) and the $11\frac{1}{2}$ per cent. of the same in the limestone itself, the consumption of limestone is so heavy that it reduces the value of the great contents of the iron in the ore.

In general, however, the above raw materials are good enough, and their prices so exceedingly low as to have justified the establishment of an iron work in that place for their utilisation.

Blast furnaces.—The blast furnaces are on a well approved Scotch system, and the engines belonging to them, such as the blowing engine, hoist, water-pumps, &c., are well built and well preserved. There is, however, this shortcoming, that there is no suitable arrangement for concentrating the stock of the principal iron materials (ores, coke and limestone) in a comparatively small space. With the great quantities required of these materials, there should have been built behind the furnaces a viaduct, at least 45 feet high, on which to convey these materials and throw them over. With the present arrangement they are spread over a large space, which occasions a considerable expense for bringing them to the blast furnace, and other inconveniences.

Blowing engine—The blowing engine is double cylindrical, vertical, of approved construction, and in good preservation. For the adjustment of the blast there is a small receiver.

Hoist.—The hoist for the ores, coke and limestone is a costly, well constructed machine, in good preservation, and is worked by a horizontal double-cylinder steam-engine. It may be observed that for this purpose a so-called "water cask elevator," of a very cheap construction, would have done as well. This arrangement has been introduced in many European iron works with success, where in winter time its working is not hindered by the formation of ice; it is therefore suitable for India.

Steam-boilers and chimney.—For the working of the machinery of the blast furnace, there are seven cylindrical boilers, each about 26 feet long and 5½ feet in diameter; these are all built in with masonry connectively, instead of each one or two having their own bed.

The chimney is 120 feet high, and is reported to be of an average width of 10 feet; in shape it is square (instead of round or octangular), which is for well known reasons objectionable; it is also not provided with any anchorage, and is therefore cracked in several places.

Before the works can be started again this chimney would have to be repaired and provided outside with proper iron anchorage.

Hot blast ovens.—For the heating of the blast, there are provided two Whitwell apparatus, one for each blast furnace. The addition of a third apparatus as a reserve would be very desirable, as without it, when one of the apparatus would require repairs or to be cleaned, which frequently occurs, the blast furnace connected with it would have to be worked with cold blast, which requires more fuel and occasions irregularity in the work.

Blast furnace gases.—With reference to the blast furnaces of the establishment, it is inconceivable why the utilisation of the valuable gases evolved as fuel has been entirely neglected, and were allowed to escape. The gases from a blast furnace consist chiefly of about 30 per cent. carbonic oxygen gas (Co), 3 to 4 per cent. heavy carburetted hydrogen gas(C_2, H_4), and about 60 per cent. nitrogen, the rest being carbonic acid, water, steam, &c. This gas mixture, when purified, is powerful enough and in sufficient quantities to heat all the boilers and the hot blast ovens belonging to the blast furnaces from which the gases have been taken. In the present instance 30 *tons of coal* would have been *daily* saved. The necessary arrangement for catching, purifying, and distributing the blast furnace gases could be easily and cheaply applied, and is urgently recommended to be introduced, before the works are started again.

Blast furnace slag.—Neither is there any arrangement for the utilisation of another subsidiary product, namely, the blast farnace slag. Blast furnace slags can be converted into cement, artificial stones, and into so-called "slag wool." It consists of about 38 per cent. silicic acid ($Si\ O_2$), 22 per cent. aluminia ($Al_2\ O_3$), 31 per cent. lime ($Ca\ O$), the rest being magnesia, gypsum, and other unimportant constituents.

To make the *cement*, the hot liquid slag is run into water, when it is granulated; the granulated mass is then ground into powder, and this again mixed with one to two per cent. of pure limestone or chalk and burnt; the result is a cement of a superior quality.

For the production of *artificial stones*, the granulated blast furnace slag is mixed with a little lime cream; it is then pressed in the desired moulds and dried.

"*Slag wool*" is produced by leading water steam, of a pressure of about two atmospheres, under a right angle, into a thin ray of slag: the produced slag wool looks like cleaned cotton and is used for the packing of steam pipes, the wadding of ice cellars, and in general as an insultator against heat.

Ore crusher.—There is no machine provided in the iron works for crushing the iron ores and the limestone; this used to be done by coolies. An ore crusher, a simple and inexpensive machine, would have done this work cheaper and certainly more effectively.

Pig iron.—The product of the blast furnace was 40 tons of grey pig iron for castings per 24 hours for both blast furnaces. The pig iron was run into sand and allowed to get cold; it was partly sold in this shape and partly remelted in the foundry.

The following is an analysis of it:—

Iron, metallic	90·58	per cent.
Carbon combined	0·14	"
" graphite	2·70	"
Manganese	0·97	"
Silicon	4·13	"
Phosphorus	1·36	"
Sulphur	0·12	"

Foundry.—The buildings holding the foundry are too far situated from the blast furnaces to allow of the pig iron to be transferred to the buildings direct in a liquid state, for being cast in the moulds without being remelted in the cupolo furnace.

It is an old erroneous notion that the pig iron taken *direct* from the blast furnace furnishes castings of an inferior quality than when remelted in a cupolo furnace. The only disadvantage which can

be alleged against the direct casting, namely, want of uniformity in the casting, can be cancelled by suitable arrangements and manipulations during the process of casting. To explain and to prove this would lead us too far. Suffice it to mention that the process of direct casting from the blast furnace without the intervention of the cupolo furnace has lately been practised with success in several English and German iron works, and for a long time in Austria and Sweden.

The remelting of the pig iron should be resorted to only for the purpose of utilising the Sunday production of the blast furnaces and the scraps of the foundry, or for the production of special qualities of cast iron for certain purposes, such as pottery castings or ornamental objects. In general, the remelting of the pig iron serves only for the convenience of the management of the works, or to remedy irregularaties; for when the blast furnace is irregularly worked, unequal qualities of pig iron are produced, which of course render the direct casting process impossible. Through careless or incorrect management in working the blast furnace, sometimes too much carbonised and sometimes too little carbonised pig iron is turned out, both unsuitable for castings; but through alloying both together they can be profitably used for castings by means of the cupolo furnace.

Cupolo furnaces.—For remelting of the pig iron the Bengal Iron Works have four cupolo furnaces of the approved system, "Ireland." The blast is effected by a ventilator and a Roots blower, the latter decidedly preferable to the former. The defect about the cupolo furnaces is the absence of a lift for pig iron and coke. These materials were carried to the furnace top by coolies upon a staircase. Two simple water cask elevators (one for each couple of furnaces) would remedy this shortcoming at a small expense.

Foundry shops.—The foundry workshops are in two separate buildings—one for light, the other for heavy castings; the latter is therefore provided with five cranes. Connected with the foundry is a workshop for finishing the castings. This workshop contains lathes of varying dimensions, two drilling machines, one planing machine, one pipe-testing machine with all appurtenances, and also a movable crane for serving all this machinery. To work the whole of the workshop machinery there is a horizontal steam-engine with boilers, which also works the Roots blower of the foundry. For working the ventilator of the other foundry there is a portable steam-engine.

The clay and sand required for the foundry are prepared in a separate building. This preparation is done by two mortar mills driven by a portable steam-engine.

Drying furnaces.—For drying off the casting cores and clay moulds, there are well built drying furnaces. All that may be objected to in these is, that they are not arranged for being fired with inferior cheap fuel.

Fuel of an inferior quality offers a double advantage in this instance—the first, that a cheaper kind of fuel may be used; the second, that it gives a more uniform heat, which is essential for drying furnaces. When drying furnaces are heated with good coal, there is a danger of the objects to be dried lying nearest the fuel to become over-heated ("burnt") before the more distant objects have been sufficiently dried; indeed, experience has shown that *that* fuel is most suitable for drying furnaces which can just barely maintain itself in a burning state, even with a good draught. Many iron works in Germany and in France have therefore found it profitable to prepare the coke from the coals themselves, as the subsidiary products of coke-making, namely, the escaping gases and the residue in the washing apparatus, can be utilised, the former for heating steam-boilers, and the latter for heating the drying furnaces.

Socket pipes.—The way and manner in which socket pipes were prepared in the foundry was obsolete and defective; these used to be cast horizontally—a process which rendered the labour difficult and the outturn small and faulty. Socket pipes must be cast *vertically*, if their production is to be profitable. To explain the two systems and the reasons of the superiority of one over the other would be too long and out of place here. I will only add that the arrangement for casting vertically can be easily added to the present one.

Arrangement for tiering pipes.—The arrangement for tiering the pipes is equally unpractical and unsuitable for large operations. This arrangement also may be altered without great expense.

Outhouses.—All those outhouses, such as offices, scale-houses, store and dwelling houses and others, which were solidly built, are now in good preservation; but those which were built of inferior material are already dilapidated, and impart to this part of the group of buildings a somewhat ruinous appearance.

SUGGESTIONS.

From what has been reported it may be seen that the Bengal Iron Works are worth reopening; and if their management be entrusted to experienced and conscientious professional men, they should turn out a prosperous investment. The situation is well chosen; the raw materials are near and cheap; and the railway is also near for the conveyance of manufactured goods.

The superiority and good condition of all the machinery and the solidity of the chief buildings prove that the undertakers were imbued with the best intentions to render the establishment good, solid and durable; only it appears that the technical management was entrusted to men of deficient professional experience.

The greatest part of the shortcomings, however, mentioned in the report may be remedied without great costs. Strictly speaking, the existing arrangements have to be *completed* rather than altered, and this should be done before the works are started again.

The chief condition of success in an iron work is its *continuous* and *full* function. The production must be driven to a maximum, so that the expenditure on management, interest of capital, &c., which are exceptionally high in India, should be as much as possible distributed over a high production.

MORAR;
26th October 1881.

RITTER C. VON SCHWARZ.

REPORT ON THE FINANCIAL PROSPECTS OF IRON WORKING IN THE CHANDA DISTRICT.

RAW MATERIALS.

Iron ores.

The most important and, at the same time, best situated deposits of iron ores in the Chanda District are the *specular iron ores* at Lohara, longitude 79° 47½′ E., latitude 19° 22′ N., and the *magnetites* at Peepulgaon, longitude 79° 34′ E., latitude 20° 23′ N.

The following is the chemical composition of these iron ores :—

	Lohara ores.	Peepulgaon ores.
Metallic iron	69·00 per cent.	69·00 per cent.
Oxygen in combination	29·57 „	26·29 „
Manganesequioxide	0·10 „	.....
Silica	0·84 „	4·21 per cent.
Alumina	0·43 „	.....
Lime	0·05 „	0·50 per cent.
Sulphur	0·01 „	.....

Each of these deposits forms a continuous accumulation of compact iron ore, constituting a hillock, and is prolonged deep under the general level of the country. The ores are found in such quantities in these places that an Iron Work producing 80 tons of rails daily might be fed from each deposit for about 100 years without resorting to the deeper-lying ores at greater expense. Besides these two deposits there are other places in the Chanda District where iron ore is found, namely, Lankachen, Ratnapur, Dewalgaon, Ogulpet, Metapur, Gunjwahi, Joonona, Kandeshwa, and others; the ores in these places, however, being either of a poorer quality and containing more impurities, or not being so advantageously situated as those of Lohara and Peepulgaon, deserve, at least, for the present, no consideration.

The iron ores of Lohara have in their few impurities all the component parts necessary for the formation of such blast furnace slag which has the proper chemical composition in regard to the ash contents of the fuel, so that 3 per cent. only of flux will be required for smelting these ores in the blast furnace by means of charcoal.

As specular iron ores are easier treated in the blast furnace than magnetites (as is well known to every professional iron-worker), I hold it to be correct on this ground, and on others (explained on page 5), to take up for working, first of all, the iron ores of Lohara (see Appendix No. 1, page 27).

Vegetable fuel.

For the reduction of these iron ores in the blast furnaces the forests of the Chanda District offer sufficient vegetable fuel, and at prices sufficiently cheap for the production of iron and steel of the best quality, in large quantities, and at competition prices.

The forests of the Chanda District cover an area of 3,325 square miles, of which, however, at present, owing to considerations of carriage, only that part should be exploited as fuel for the reduction of the ores which lies within a circumference of about 20 miles radius round the place which has been chosen as the most suitable for the erection of an Iron Work.

This part of the forest covers about 520 square miles, capable of yielding 16,000 tons of dry wood per square mile in its present condition.

According to information from the Conservator of Forests, Central Provinces, from this quantity must be deducted about 30 per cent. for reserved trees, which, owing to the valuable quality of their wood, or owing to other reasons, may not be made into charcoal, so that about 11,000 tons of wood per square mile may safely be counted upon as available for reducing to charcoal.

The weight of the various woods of the Chanda forests is, on an average, 50 lbs. per cubic foot (see Appendix No. 9, page 29); therefore 30 per cent. greater than of the woods (chiefly fir and pine) used in Sweden and Styria for charcoal; the Chanda charcoal being thus specifically heavier is, weight for weight, far more valuable for the smelting of iron ores (see Appendix No. 2, page 27).

According to an estimation of the Conservator of Forests, Central Provinces, the area of 520 square miles of forest, lying round the site of the projected Iron Works, may yield 32,000 tons of charcoal yearly and be regenerated in forty years.

The same authority maintains that the production of charcoal on a large scale, and carried on systematically, improves forests; this, although apparently paradoxical, has been proved by experience in those parts of Sweden and Styria where vegetable fuel is used on a large scale in the production of iron. The reason for this is not far to seek. The products of the forest being in greater demand and more valuable, the science of forestry has been called in to show the way to a more correct system of conserving and increasing the contents of forests. The improved and cheaper means of transport, rendered necessary for an Iron Work near a forest, render also cheaper the carriage of building timber and other forest produce, whereby they become cheaper; saw-mills and other wood-working machines may be advantageously connected with an Iron Work establishment, as this can furnish cheaply the necessary steam-power and supervision.

Coal.

Whilst there is sufficient charcoal in the Chanda forests for the production of *pig iron*, the coal of the Warda-Godavery Valley is good enough for the refining process, namely, the conversion of the pig iron into *finished iron* or *steel* if the necessary arrangements are made, suitable for this quality of fuel.

Judging from borings and outcrops, the sources may be estimated to contain 2,525 millions of tons, of which 1,714 millions are available. The most important seams are those of *Wun*, *Pisgaon*, *Ghugus*, *Bunder* and *Warora*.

Of all these coal-fields, however, the Warora seam only is now worked, and produces monthly about 7,000 tons of coal, of which 5,000 tons are bought by the Great Indian Peninsula Railway.

Owing to the small demand of coal the working of this mine is limited; if more use were made of it, the working expenses would be proportionally reduced. It is to be regretted that the quality of this coal is not so satisfactory as the quantity.

An analysis of the Warora coal shows—

	Large coal.	Slack coal.
Fixed carbon	45·6 per cent.	35·5 per cent.
Volatile matters (combustible) ...	26·0 „	26·4 „
„ „ (not combustible) ...	14·0 „	13·0 „
Ashes	14·4 „	24·0 „

The reasons why this coal must be described as of inferior quantity, as regards its fitness for pyrotechnic uses, are—

(1) its insufficient contents of fixed carbon;
(2) its insufficient contents of hydrogen, not combined with oxygen;
(3) its large contents of ashes.

All attempts to reduce this coal to coke, suitable for the blast furnace process, have failed, owing chiefly to its deficient proportion of fixed carbon and (not with oxygen combined) hydrogen. It is well known (although not theoretically proved) that it is generally the hydrogen which imparts to the coal the caking quality necessary for its reduction to coke, but numerous trials have shown that the Warora coal when heated does not cake, but crumbles to pieces, which pieces give indeed coke, but of a quality suitable only for forge fires, or for lime-burning, and not for blast furnaces (see Appendix No. 3, page 27).

The coal of Warora is good enough, however, for producing all the pyrometric effects necessary for puddling and heating furnaces, and to provide the glow furnaces for Bessemer ingots and sheet iron with the necessary heat. This coal is also good enough for the cementation process (production of blister steel) and the temper process (the production of malleable iron); but it is not suitable for the open-hearth process and for the production of crucible steel in the (reverbatory) flaming furnace, as these processes require a very high temperature. Of the other coal fields of the Warda-Godavery basin, the coal of *Pisgaon* (Berar) appears to me the most hopeful, owing to its larger contents of fixed carbon. Its analysis is as follows:—

	Large coal.	Slack coal.
Fixed carbon	65·1 per cent.	36·3 per cent.
Volatile matters	19·2 „	32·2 „
Ashes	15·7 „	31·5 „

The large coal of Pisgaon contains, therefore, 20 per cent. more fixed carbon than the large coal of Warora; notwithstanding the superiority of this coal, no arrangements have yet been made to work the seam.

Limestone.

For the reason explained on page 1, the reduction of the iron ores of Lohara in the blast furnace will require 3 per cent. only of limestone as a flux. Excellent limestone for this purpose is to be had in the neighbourhood of Warora; its analysis is as follows:—

Carbonate of lime and magnesium	95·0 per cent.
Silica	2·5 „
Alumina and oxide of iron	2·5 „

Fireproof material.

More important than the supply of limestone is the supply of suitable and cheap fireproof material. English fireproof bricks would cost, delivered in Chanda, Rs. 16 per 100. Now, the requirements of an Iron Work, producing about 80 tons finished iron or steel per day, would be 300,000 tons per year, giving thus an expenditure of Rs. 48,000 yearly for firebricks alone; but—

(*a*) fire-clay of a good quality is found along with the coal in the Warora Colliery; the following is an analysis of this fire-clay:—

Moisture	4·10 per cent.
Organic matter	4·30 „
Silica (sand)	2·40 „
Silica (in silicates)	63·20 „
Alumina (Al_2O_3)...	18·80 „
Oxide of iron	0·50 „
Iron in pyrite	1·87 „
Carbonate of lime	1·80 „
Alkalis and sulphur	2·03 „
Loss	1·00 „

This clay is not so good as first-class English fire-clay, but is good enough for most parts of the iron-melting furnaces.

(*b*) Near Chanda is also found steatite (Mg. O Si O_2), which, mixed with one-fifth part fire-clay, is well known to give very refractory firebricks.

Fire-proof bricks could be made at the Iron Works for Rs. 2-8 per 100, and about four-fifths of the whole requirement could be covered by these bricks; only for certain parts of the blast furnace

and the gas furnaces, it would be necessary to import English firebricks, namely, one-fifth of the whole amount.

AMOUNT OF PRODUCTION.

The amount of iron or steel which can be produced yearly with these raw materials will depend on the quantity of charcoal which the forests near the Iron Work can furnish without irretrievable injury to them; this has been estimated at 32,000 tons per year (*vide* page 2), and with this charcoal may be turned out 25,000 tons of finished iron per year. In case it may be found desirable in the future to considerably enlarge the Iron Work, recourse may be had to the more distant forests situated south and south-east of Chanda (see plan No. 1) for charcoal for the production of *pig iron*. In this case it will be advisable to erect other blast furnaces near these forests, with the view of reducing the iron ores of the contiguous deposits and of conveying the pig iron thus obtained to the other Iron Works, situated nearer the sources of *mineral* fuel, for the purpose of converting it into finished iron. By these means the whole 3,325 square miles of forests in the Chanda District might make it possible for 260,000 tons of iron or steel being produced yearly.

BEST SITUATION FOR AN IRON WORK.

For the production of one ton of finished iron or steel the following quantities of the available materials are necessary:—

	Tons.
Iron ores	1·80
Charcoal	1·30
Mineral coal from Warora	3·00
Limestone	0·03

From these proportions it may be seen that the quantity of fuel is more than double that of ore. On this account, and as besides, for well-known reasons, the carriage of ores, even weight for weight, is cheaper than the carriage of fuel, and store of them easier kept, an Iron Work should always be built as near as possible to the sources of the fuel.

It may also be remarked that the carriage of charcoal is dearer than the carriage of mineral coal.

A suitable place for the Iron Work would be Durgapur on the Frace stream. This place is surrounded by forests, has enough water even in the driest season, has a firm ground for building and heavy machinery, cheap stone and lime; has also the advantage of being situated somewhat high, and is therefore more within the influences of the breezes, which would keep the Iron Work cool.

This place could also be cheaply put into communication with Lohara and Warora by means of a Tramway, as there are neither hills to cross nor expensive bridges to make. The suitability of this place, however, is best proved, I think, by the annexed plan, No. I, and attention should also be drawn to the important fact that this place, on the Frace stream, is the only one between Lohara and Warora on which a sufficient supply of water all the year round may be relied upon.

In further support of the preference of this place on account of its water-supply, it may be mentioned that the want of this convenience has caused to the Bengal Iron Works Company an extra expenditure of nearly Rs. 50,000 (see Report on the Bengal Iron Works, page 1).

RAILWAYS.

Under the present circumstances, the best means of connecting the iron mine of Lohara and the Warora Colliery with the Iron Work would be a portable Tramway. This would cost, everything included, about Rs. 12,000 per mile. The whole length of the Tramway would be 55 miles (see Plan No. 1); the total expenditure would therefore be Rs. 6,60,000.

The building of an ordinary railway would, for the present, not answer; it would cost about nine times as much as the tramway (the Warda-Warora Coal State Railway was built at an expenditure of Rs. 1,06,000 per mile), and would hardly pay any interest on the capital expended, especially as the extension of such a Railway eastwards can hardly be expected to be undertaken for a long time.

Nevertheless, should an ordinary ("pucca") railway become necessary in the future in consequence of an enlargement of the Iron Work, or through other reasons, the Tramway being portable, could be transferred elsewhere and advantageously utilised as a way for transport of charcoal and other forest produce.

Besides, the proposed tramway, traversing the best and thickest parts of the Chanda Forest, could at once be utilised for transport of forest produce; combining also the best cultivated and best populated stretch of the Chanda District, it would advantageously connect this with the main railway at Warora.

This tramway line has been proposed after consulting and with the approval of the Conservator of Forests for the Central Provinces and the Deputy Commissioner of the Chanda District. This, and the reasons developed on page 1, are further grounds for first taking in hand the iron ore deposits of Lohara. A modification of the tramway project could take place only if the often spoken of railway extension between Chanda and Warora were definitely resolved upon.

CAST-IRON GOODS.

There is no doubt that, with such excellent raw material as the Chanda District possesses, an excellent quality of cast-iron may be produced; and it follows also that only such cast-iron goods should here be turned out in which a good quality of iron is of importance, and which are, therefore, sold at higher prices.

For the production of such heavy castings as plumber blocks, steam engine flywheels, and other heavy parts of machinery, also of weights, railings, columns, lamp-posts, &c., the raw material of the Chanda District is too valuable.

Heavy castings.

It is further unsuitable for the fabrication of cast pottery and objects of art, as all such things have to be run fine, delicate forms have to be filled, and smooth surfaces given to the castings; for all such goods phosphorus in the cast-iron is necessary, which is not found in the ores of the Chanda District.

Pottery castings.

An article very much in use, and the manufacture of which would be particularly suitable to our circumstances, would be *cast-iron railway wheels*.

Cast-iron railway wheels.

It is a strange fact that for a long time, and almost exclusively, cast-iron wheels have been used on the railways on the American Continent, not only with goods and passenger wagons, but also with locomotives, whilst in Europe they are generally used with goods wagons, never with passenger wagons, and by no means with locomotives.

Considering the enormous extension of railways in America,—the mileage being greater than that of England, Germany, Austria, France, and Russia taken together—it might be correctly presumed that the Americans have good experience in this matter.

When the great difference in the price of a cast-iron wheel and a wheel of wrought-iron and steel is considered in conjunction with the enormous quantity used, the subject becomes of some importance.

On the other hand, it may be assumed that the Engineers in Europe, to whom the use of cast-iron wheels is no secret, have also good reasons for abiding by wrought-iron and steel wheels. The fact of cast-iron wheels being, on European railways, limited to goods wagons, would point to a want of confidence in the safety of such wheels against brittleness, whilst the confidence in America in the freedom from brittleness can only be due to the wheels being made of a more reliable quality of cast-iron and under a corresponding manipulation.

To enter into the details of manufacturing this article would be out of place here; let it suffice to say that in this matter the greatest care has to be used in the choice of the materials, as well as in the fabrication, if the article is to be free from flaws and reliable in every respect.

Before putting in use, each wheel should be subjected to the most rigid tests for solidity, strength, sufficient hardness in the flanges, and general manufacture.

The material used in America for cast-iron wagon wheels is grey pig-iron, obtained from rich and pure red iron ore melted with charcoal, *corresponding, therefore, exactly with our circumstances.*

The usual duration of such wheels is of that degree that they are allowed to run 60,000 miles in full confidence before they are subjected to new tests as to their further utility.

At the Philadelphia Exhibition four such wheels were shown which had run 150,000 miles without having suffered in substance or appearance.

Another speciality, suitable for the present circumstances, is the production of *malleable castings.*

Malleable castings.

For this article also pig-iron of the best quality (reduced with charcoal) is adapted. To explain it in a few words, the cast articles are embedded in material giving off oxygen, and are slowly heated, whereby the carbon is driven out of the cast-iron to a certain degree, the final product being one of steel-like nature. As a decarbonising means in our case the manganese ores of Malaghar and Ramtek (see Plan No. 1) can be made use of. The fabrication of malleable iron has lately been brought to great perfection in certain parts of Europe and America. The following articles might be here produced: ploughshares, scythes, hay-forks, rakes and other agricultural implements; also stirrups, horse-bits, keys, small wheels, certain parts for guns, rifles, and other weapons, double eyes and other parts of machinery, and in general such articles of complicated shapes in which great strength is not required, articles which it would be difficult to make of forage-iron. It is scarcely necessary to mention here that most cast-iron articles may be turned out *direct* from the blast furnace, without re-melting in the cupola furnace.

SUBSIDIARY PRODUCTS.

The subsidiary products of the blast furnace, as the gases and slag, can and should be utilised,—the former for the heating of the boilers and hot-blast ovens; the latter for the fabrication of cement, artificial stones, and slag wool (*vide* Report on the Bengal Iron Works, page 2).

THE BESSEMER PROCESS.

From the purity and uniformity of the ores and fuel treated of, it may at once be concluded that the product of the blast furnace will also be pure and uniform, and that it will, therefore, be possible to allow the pig-iron to run in a fluid state *direct* from the blast furnace into the Bessemer converter, whereby the cost of re-melting would be saved, as is successfully done in Carinthia, Styria, and Sweden, where the working is carried on under conditions similar to those in our case.

The finishing process of rolling the Bessemer ingots into rails, tyres, plates, &c., requires no particularly high temperature, and can, therefore, be effected with Warora coal of second quality, *viz.*, *slack coal* at Rs. 2 per ton.

SPIEGELEISEN.

The "Spiegeleisen" necessary for the production of steel in the Bessemer converter cannot be obtained from the iron ores of Chanda, as, notwithstanding their purity, their contents of manganese is very slight; "Spiegeleisen" would, therefore, have to be imported.

"Spiegeleisen" contains from 5 to 15 per cent. manganese; it would lead us too far to explain why this ratio of manganese is necessary for the production of "Spiegeleisen"; suffice it to say that hitherto the existence of "Spiegeleisen" free of manganese has not been proved (see Appendix No. 4,

page 28). For the production of (ingot iron) "Flusseisen" (a product containing only 0·05 to 0·10 per cent. of carbon) in the Bessemer converter, it is not required to add "Spiegeleisen." *Girder plates, boiler plates, rod, angle, and square iron, and rolled beams* of the *stronger* kind, *wagon axles*, and *iron rails* could be turned out cheaply in the Bessemer process, as these descriptions of goods can be made of (ingot iron) "Flusseisen," and the cost of "Spiegeleisen" is avoided.

The scraps remaining when making rails are generally used up in the open-hearth process, in the cupola furnace, or in the Bessemer converter, where they are melted down with the pig-iron. It has already been shown (page 3) that under the present circumstances the open-hearth process cannot be used; the other usual resources for utilising the scraps of rails is rationally resorted to only where no better alternative remains. These scraps, however, yield particularly suitable material for the manufacture of wire and thin hoop-iron, a process which has been in vogue for some years with success in Cleveland, and has lately been initiated in other Bessemer Works. A Bessemer establishment, producing daily 72 tons of rails, can in this wise turn out daily 8 tons of wire or of hoop-iron.

THE PUDDLING AND WELDING PROCESS.

It has already been mentioned (page 3) that the Warora coal can be advantageously used in the puddling and heating (welding) process; but it should be mentioned also, with regard to the purity and richness of the iron ores, that a modification of this process has come into use in America, consisting in the adding of iron ores for furthering decarbonisation, whereby the time of finishing the puddling process is shortened, the loss of iron, which used to be about 10 per cent. is reduced to 2 per cent., and there is a corresponding saving in coal and labour. The puddling process has lately been much diminished in Europe, owing to the undoubted success of the Thomas Gilchrist dephosphorising method applied to the Bessemer process, as, by this method, the cheaper pig-iron containing phosphorus can be worked, which was before possible only in the puddling furnace; but the latter will still maintain itself—

1st, where there is an object to manufacture *fine* kinds of iron, or rolled iron goods of *complicated* form, as wire, fine hoop-iron, thin sheet-iron, thin angle and U-iron, &c., because the reduction of the 14-inch thick Bessemer blocks of compact material to small dimensions or complicated forms is combined with much and costly manipulation;

2nd, for turning out certain qualities of iron and steel, which cannot be produced in the Bessemer converter, for instance blister and Brescian steel.

THE DIRECT PROCESS.

It will not be out of place here to bring to notice a new process of iron and steel-making directly of ores, namely, the "*Landore Process*," which, if not at present, may, under the condition of the projected Iron Work, deserve consideration in *future*.

This process consists in melting a certain amount of grey pig-iron of the best quality in an open-hearth furnace, and adding to the thin fluid metal bath so obtained iron ores till the matter has been decarbonised. It is the oxygen in the iron ore which is here the decarbonising factor, the metallic iron being reduced and dissolved in the metal bath.

This adding of iron ore is continued till the whole of the pig-iron has been decarbonised (which is experimentally ascertained), when "Spiegeleisen" or "Ferromanganese" is added, as in the Bessemer converter, for the production of a given quality of steel.

It is scarcely necessary to prove that for this process iron ores of the best quality are required; in Landore these are imported from Mokta in Algeria; they contain 62 per cent. metallic iron and have no injurious impurities. Now, these ores cost, delivered in Landore, about Rs. 13 per ton, whilst the iron ores of Lohara contain 69 per cent. of metallic iron (7 per cent. more), and would cost, delivered at the Iron Work in Chanda, Rs. 3¼ per ton

It should be, however, pointed out that the process under explanation requires a very high degree of heat, as the metal bath has to remain perfectly liquid even in a decarbonised state; the metal bath must also be covered with a layer of slags, 3 inches thick, as a protection against the flame hovering over it, which would act injuriously upon the ores floating on the surface of the bath, till they are dissolved.

This cover of slags acting as a bad conductor of heat, a temperature of 1900° centigrade is required to work the Landore process successfully. It may be doubted whether so high a temperature can be obtained with Warora coal (being poor in carbon), even with the assistance of Siemen's regenerators, but it might be obtained with the Pisgaon coal, which has 20 per cent. more carbon than the Warora coal.

Should, therefore, in due time the Pisgaon seam be opened out, this process would have a chance of giving excellent results with the Lohara ores. This process has been in use in the Landore Works already 12 years with ever-increasing results: by this time there are 24 furnaces at work, producing together about 2,000 tons of steel per week. The steel turned out with this process is well-known for its uniformity and durability, and is therefore preferred in the English arsenals to all other brands. It is due chiefly to the difficulty of finding so pure and rich ores, and to their high cost, that this process has not been more generally adopted (see Appendix 5, page 28).

ARTICLES FOR EXPORT.

The natural resources of the Chanda District offer not only the prospects of supplying India with a considerable portion of her iron and steel requirements, but also of producing articles for exportation to England—articles which are not made in England, but are imported in considerable quantities from the Continent of Europe.

Such are *Ferromanganese*, a mixture of metallic iron with 30 to 75 per cent. of metallic manganese, and a few per cents. of carbon; it is used as an addition in the Bessemer and open-hearth processes, and also in the cast-steel crucible for the production of certain kinds of steel of special hardness for bandages, cutting tools, manganese steel, &c.

Ferromanganese.

The price of this article is very high, and fluctuates according to the quantity of manganese it contains,—from £15 to £25 per ton delivered at Sheffield. The best part of this article England imports from Hörde in Germany, and Terrenoire in France. The raw materials required for the production of ferromanganese are pure charcoal pig-iron (granulated), and manganese ore containing iron.

There are three systems for the manufacture of ferromanganese, namely, in the crucible, the open-hearth, and the shaft furnace. To explain all these methods would lead too far; suffice it to say that for our conditions the production of ferromanganese with the shaft furnace (Système "Terrenoire") would be most suitable.

There is in Ramtek (see Plan No. 1) manganese ore of the following chemical composition:—

	Per cent.
Metallic manganese	54·60
„ iron	6·50
Oxygen in combination	26·50
Silica	6·00
Lime	1·20
Combined water a. div. impurities	5·20

This manganese ore, with the pig-iron obtained from the Lohara ores by means of charcoal, would yield a material for the production of Ferromanganese of an excellent quality.

Another manganese ore is found in Malaghar (see Plan No. 1), Wún District, containing 26 per cent. metallic manganese; it is of an inferior quality, and, although nearer, it cannot compete with that of Ramtek.

A second export article to England would be the so-called "*Brescian* or *Milan Steel.*" This is a kind of puddling steel, made of a pig-iron free from phosphorous and sulphur, and is an article of commerce in great demand and much esteemed.

Brescian Steel.

In former times, Brescian or Milan steel was only made, as its name indicates, in the districts of Milan and Brescia, and was made with charcoal in the old charcoal hearth. The demand for this article, however, in England and on the Continent of Europe was greater than those districts could satisfy, and Corinthia and Styria are now supplying the greatest part of it.

As material for this product serves pure, white and grey charcoal pig-iron, which are converted in the puddling furnace by means of brown coal or turf into raw steel. It is then rolled by means of the welding process into square bars from ½ to ¾ inch thick. The bars are quickly cooled in water, broken, sorted according to the appearance of the breach, and packed in cases for export to England, France, and Germany.

The price of Brescian steel delivered in Sheffield is £18 per ton.

THE LABOUR QUESTION.

The disproportionally heavy cost and disadvantages arising from climate and social circumstances connected with the maintenance of a European staff of workmen point to the advisability of having recourse, as much as possible, to *native labour*; on the other hand, there is in the native a deficiency of practical professional training and a lower degree of physical and moral strength. Professional training can, however, be imparted to the native, and I believe he can be made to learn the work required at a blast furnace and rolling mill, if he be treated at it with gentleness and patience, if he be strictly controlled, if he be not worked too hard, and if his religious and other prejudices be respected; his physical strength will rise with better diet obtained by means of better wages.

The usual 12 hours of daily attendance ruling in Europe would have to be reduced to 8 hours. It would also be advisable to promise rewards to the European workmen for every native trained sufficiently to replace a European.

There are some branches of iron-work which natives will learn very quickly, such as the manufacture of wire, hoop-iron, malleable iron, ferromanganese, blister steel, and other operations requiring less physical strength, but more quickness of movement or manual cleverness.

WATER-POWER.

No suitable place can be found in the Chanda District where there is natural water-power available for the driving of the machinery of an iron work.

The only stream in this district which might be made to furnish water-power is the Winganga, called Prenhita after its union with the Wurda stream, north of Bemballa (see Plan No. V). This stream has numerous cataracts, which, if concentrated by a canal six miles long, would give a fall of 40 feet.

The quantity of water amounts during the dry season to about 100 cubic feet per second, which with the 40-feet fall, would give *theoretically* an effect of about 520 horse-power.

Through the application of a Jonval turbine (the most suitable motor for our conditions), this water-power might be made to furnish a *real* effect of 350 *horse-power*; the use of this water-power for the iron work is, however, not suitable, and this for the following reasons:—

(1) In the rainy season this stream rises often 50 feet, when the machinery worked by it would have to be stopped, a contingency which an iron work could not endure, as

the laying cold and reheating of the furnaces are connected with very great expense of money and time, and with other inconveniences which it would be too long to explain here.

(2) The locality of the available water-power is too much out of the way, so that the saving of fuel would be more than counterbalanced by the greater cost of carriage of the raw materials and the manufactured goods.

(3) Water-power is in general of less value for an iron work because the necessary steam-power for the driving of the machinery may be produced, in most cases, with the gases drawn from the furnaces, that is to say, no extra fuel is required for heating the boilers. The gases of a blast furnace (of a production of 30 tons of pig-iron per day) supply about 150 horse-power; the gases of a furnace for Bessemer ingots furnish 130 horse-power, a puddling furnace gives 20 horse-power; and a heating furnace for bar-iron 25 horse-power.

The water-power of the Winganga may become of good use for other industries in the future, when the communications of the district will have been developed.

A short stoppage of a paper, cotton, rice, or saw mill is no great loss, as the time of the inundation can be usefully employed for repairing the machinery, taking stock, &c., which operations, by making a virtue of necessity, could be always reserved for the season of the freshes.

For such establishments water-power has also more value, as it can be assumed that each of its horse-power is equal to one cwt. of coal per 12 hours.

COST OF RAW MATERIALS.

Iron ore.

The cost of quarrying the iron ore at Lohara and carrying it to the tramway may be estimated at annas 14 per ton, the carriage by tramway from Lohara to the iron work, 38 miles, at anna 1 per ton per mile; we have therefore—

	Rs.	A.	P.
Cost of the ore at the quarry, per ton	0	14	0
Carriage from Lohara to the iron work, 38 miles, at 1 anna per ton	2	6	0
Total cost of one ton of ore delivered at works ...	3	4	0

(See Appendix No. 6, page 28.)

Charcoal.

According to information received from the Conservator of Forests of the Central Provinces, *charcoal* may be had at the place of production for Rs. 3-13-10 per ton; but it may be presumed that with a larger demand the rates of labour and contingencies will rise and increase the present price of charcoal by 30 per cent.; it will therefore be safer to estimate the cost per ton at Rs. 5-0-6 (see Appendix No. 8, page 28). The transport of charcoal will also best be effected by a portable tramway.

Owing to the larger bulk of this article, and the somewhat greater precautions required to be taken in its carriage, it will cost about 50 per cent. more than that of the ore, namely, annas 1½ per ton per mile.

It should be observed that, according to the information furnished by the Conservator of Forests, Central Provinces, the 32,000 tons of charcoal (which will be required annually) will cause a deboisement of 11 square miles of forest yearly; with regard to the situation of the forest to the iron works it will therefore be necessary to shift the charcoal tramway once every 3½ years. Assuming the charcoal tramway to be 20 miles, the cost of its shifting every 3½ years will be 20 × 3,000=Rs. 60,000 (Rs. 3,000 per mile), which must be distributed over the cost of carriage of the charcoal. Now, tons 32,000 × 3½ (years)=112,000 tons; therefore the cost of shifting of tramway per ton of charcoal will be $\frac{\text{Rs. } 60,000}{\text{tons } 112,000}$ = annas 9.

The average distance over which the charcoal will have to be carried is 15 miles. The cost of carriage of the charcoal will therefore stand per ton—

	Rs.	A.	P.
Net carriage	1	6	6
Proportion of shifting of Tramway every 3½ years	0	9	0
Total ...	1	15	6

The total cost of one ton of charcoal delivered at the Iron Works will therefore be—

	Rs.	A.	P.
At the place of production	5	0	6
Total cost of carriage (annas 2¼ per ton per mile)	1	15	6
Total ...	7	0	0

It will be observed that in this calculation only the actual expenses have been taken into account, and not the value of the trees to the Forest Department; but it should be remembered that, in an indirect way (explained on page 2), the Forest Department will be sufficiently compensated by an iron work situated near its forests.

Coal.

The prices of coal in Warora are Rs. 5 per ton large coal and Rs. 2 per ton slack coal; its carriage to the Iron Work per Tramway would be ¾ annas per ton per mile.

The carriage of the coal is taken 30 per cent. lower than that of the ore, as it will chiefly be done by return train; all other goods will be carried to Warora from the iron works, and the coal to the iron works from Warora. These other goods will be those made in the iron work, but also forest produce and the agricultural produce of the well-cultivated part of the country situated on the Winganga stream, which agricultural produce is sure to be increased through the tramway connecting this district with the main railway at Warora. The total cost per ton of coal delivered at the iron work will therefore be :—

	Rs.	A.	P.
Large coal, cost at Warora	5	0	0
Carriage from Warora, 17 miles, at *9 pies per ton*	0	13	0
Total	5	13	0

	Rs.	A.	P.
Slack coal, per ton at Warora	2	0	0
Carriage from Warora to the iron works, 17 miles at *9 pies* ...	0	13	0
Total	2	13	0

Limestone.

The cost of limestone delivered at the iron works will be the same as that of slack coal, namely, Rs. 2-13-0 per ton.

WAGES.

Skilled labour.

In the beginning at least skilled labour will have to be done by Europeans (see page 10); for certain subordinate operations only suitable natives may be found, as for instance foundrymen, engine-drivers, masons, carpenters, and other auxiliary workmen.

The cost of professional work done by Europeans must be assumed as double that in Europe.

Native labour.

A strong native coolie costs at present in the Chanda District *annas* 2½ per day, but wages must be expected to rise to *annas* 4. If the native labourer be assumed to do, in a given time, only half the work a European would do, he would still cost less than half. Unskilled work, such as loading and unloading the work at the cranes, carriage, masonry, carpentry, locksmith's work, and all auxiliary work can be done by natives, and may be estimated at half the cost for which it is done in Europe.

MANAGEMENT, WEAR AND TEAR, &c.

The cost of these is estimated at 35 per cent. higher than in Europe. This agrees with the experience gained in other large establishments of the kind in India. There will, however, be an economy in respect of fireproof material, which forms the greatest item in the question of wear and tear, as the raw material is found near the iron work and can be worked up exclusively by coolies.

APPROXIMATE COST OF PRODUCTION.

(1) *Cost of one ton of grey pig-iron*—

		Rs.	Rs.
1·60 tons iron ores	at	3·25	5·20
1·00 „ charcoal			7·00
Wages			3·66
Limestone, 0·05 tons	„	2·80	0·14
Management, wear and tear, &c.			7·00
Total			23·00

(2) *Cost of one ton of white pig-iron*—

		Rs.	Rs.
1·60 tons iron ores	at	3·25	5·20
0·86 „ charcoal	„	7·00	6·02
0·05 „ limestone	„	2·80	0·14
Wages			3·34
Management, wear and tear, &c.			6·30
Total			21·00

(3) *Cost of one ton of rails (Bessemer steel)*—

		Rs.	Rs.
1·19 tons grey pig-iron	at	23·00	27·37
0·06 „ Spiegeleisen	„	130·00	7·80
1·00 „ slack coal from Warora	„	2·80	2·80
0·50 „ large coal	„	5·80	2·90
Wages			10·88
Management, wear and tear, &c.			12·35
Total			64·00

(4) *Cost of one ton of rails (Bessemer iron)*—

		Rs.	Rs.
1·25 tons grey pig-iron	at	23·00	28·75
1·00 „ slack coal	„	2 80	2·80
0·50 „ large coal	„	5·80	2·90
Wages			10·45
Management, wear and tear, &c.			12·10
Total ...			57·00

(5) *Cost of one ton bearing or girder plates of Bessemer iron*—

1·50 tons grey pig-iron	at	23·00	34·50
1·50 „ slack coal	„	2·80	4·20
0·50 „ large coal	„	5·80	2·90
Wages			12·40
Management, wear and tear, &c.			14·00
Total ...			68·00

(6) *Cost of one ton bar-iron, puddled*—

1·15 tons white pig-iron	at	21·00	24·15
0·30 „ iron ores	„	3·25	0·97
1·50 „ slack coal	„	2·80	4·20
1·50 „ large coal	„	5·80	8·70
Wages			11·63
Management, wear and tear, &c.			12·35
Total ...			62·00

(7) *Cost of one ton rolled wire and thin hoop-iron, puddled*—

1·00 tons white pig-iron	at	21·00	21·00
0·30 „ grey pig-iron	„	23·00	6·90
1·80 „ slack coal	„	2·80	5·04
1·50 „ large coal	„	5·80	8·70
Wages			13·36
Management, wear and tear, &c.			14·00
Total ...			69·00

(8) *Cost of one ton low moor plates, puddled*—

1·00 tons white pig-iron	at	21·00	21·00
0·40 „ grey pig-iron	„	23·00	9·20
1·50 „ slack coal	„	2·80	4·20
3·00 „ large coal	„	5·80	77·40
Wages			20·20
Management, wear and tear, &c.			22·00
Total ...			94·00

(9) *Cost of one ton sheet-iron puddled*—

1·20 tons white pig-iron	at	21·00	25·20
0·30 „ iron ores	„	3·25	0·97
2·50 „ slack coal	„	2·80	7·00
1·50 „ large coal	„	5·80	8·70
Wages			15·13
Management, wear and tear, &c.			14·00
Total ...			71·00

(10) *Cost of one ton blister steel*—

0·98 tons bar-iron	at	62·00	60·76
0·20 „ charcoal	„	7·00	1·40
4·00 „ slack coal	„	2·80	11·20
Wages			10·64
Management, wear and tear, &c.			14·0
Total ...			98·00

(11) *Cost of one ton Brescian steel—*

		Rs.	Rs.
0·60 tons grey pig-iron	at	23·00	13·80
0·70 „ white pig-iron	„	21·00	14·70
2·00 „ slack coal	„	2·80	5·60
1·50 „ large coal	„	5·80	8·70
Wages			13·20
Management, wear and tear, &c.			14·00
		Total	70·00

(12) *Cost of one tone ferromanganese with 60 per cent. manganese—*

0·50 tons grey pig-iron (granulated) ...	at	23·00	11·50
1·50 „ manganese ore from Remtek (including transport) ...	„	7·00	10·50
5·00 tons charcoal	„	7·00	35·00
Wages			16·00
Management, wear and tear, &c.			17·00
		Total ...	90·00

Recapitulation.

Cost of one ton grey pig-iron at the Iron Work	23·00
Do. white do. do.	21·00
Do. Bessemer steel rails do.	64·00
Do. do. iron rails do.	57·00
Do. bearing or girder plates of Bessemer iron ...	68·00
Do. puddled bar-iron	62·00
Do. rolled wire and thin hoop-iron	69·00
Do. "low moor" plates	94·00
Do. thin sheet-iron	71·00
Do. blister steel	98·00
Do. Brescian steel	70·00
Do. ferromanganese with 60 per cent. manganese ...	90·00

REMARKS.—In the calculations of the costs of production, the *actual* expenses are only taken into account, *excluding* interest of Capital invested in the Iron Work, as well as Government fees and taxes of any description.

2. The prices are given in rupees, per ton, at the Works.

COMPARATIVE STATEMENT

Showing the difference of prices of Iron and Steel Goods in different Railway Stations.

Names of Stations.	Bessemer Steel Rails.				Bessemer Iron Rails.			
	English prices.	Our cost prices.	Difference in our favour.	Remarks.	English prices.	Our cost prices.	Difference in our favour.	Remarks.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.	
Agra	124·0	111·0	13·0	*Vid* Ajmere.	109·0	104·0	5·0	
Allahabad	126·0	106·2	19·8	*Vid* Bhosawul.	111·0	99·2	11·8	
Benares	134·0	114·2	19·8	Ditto.	119·0	107·2	11·8	
Bhosawul	98·8	79·0	19·8	Ditto.	83·8	72·0	11·8	
Bombay	82·0	95·8	...	Ditto.	67·0	88·8	...	
Cawnpore	130·0	110·2	19·8	Ditto.	115·0	103·2	11·8	
Gwalior	133·0	120·0	13·0	*Vid* Ajmere.	118·0	113·0	5·0	
Jubbulpore	115·0	95·2	19·8	*Vid* Bhosawul.	100·0	88·2	11·8	
Lahore	143·5	130·5	13·0	*Vid* Ajmere.	128·5	123·5	5·0	
Lucknow	134·0	114·2	19·8	*Vid* Bhosawul.	110·0	107·2	11·8	
Mooltan	153·0	140·0	13·0	*Vid* Ajmere.	138·0	133·0	5·0	
Nagpore	111·5	71·3	40·2	*Vid* Bhosawul.	96·5	64·3	32·2	
Neemuch	115·5	95·7	19·8	Ditto.	100·5	88·7	11·8	
Warora	112·5	65·3	47·2	Ditto.	97·5	58·3	30·2	

REMARKS.—The prices are given per ton, including freight; the latter is calculated at the rates for first-class railway goods.

The English prices are given according to the market rates for March 1882, and are, of course, subject to the influence of the fluctuation of the prices in the European markets.

COMPARATIVE STATEMENT

Showing the difference of prices of Iron and Steel Goods in different Railway Stations—contd.

Names of Stations.	Girder Plates and Ship Plates.				Puddled Bar-iron.			
	English prices.	Our cost prices.	Difference in our favor.	Remarks.	Swedish prices.	Our cost prices.	Difference in our favour.	Remarks.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.	
Agra	161·0	115·0	46·0		202·0	109·0	93·0	
Allahabad	163·0	110·2	52·8		204·0	104·2	99·8	
Benares	171·0	118·2	52·8		212·0	119·0	93·0	
Bhosawul	135·8	83·0	52·8		176·8	77·0	99·8	
Bombay	119·0	99·8	19·2		160·0	93·8	66·2	
Cawnpore	167·0	114·2	52·8		208·0	108·2	99·8	
Gwalior	170·0	124·0	46·0		211·0	118·0	93·0	
Jubbulpore	152·0	99·2	52·8		193·0	93·2	99·8	
Lahore	180·5	134·5	46·0		221·5	128·5	93·0	
Lucknow	171·0	118·2	52·8		212·0	112·2	99·8	
Mooltan	190·0	144·0	46·0		231·0	138·0	93·0	
Nagpore	148·5	75·3	73·2		189·5	69·3	120·2	
Neemuch	152·5	99·7	52·8		193·5	93·7	99·8	
Warora	140·5	69·3	80·2		190·5	63·3	127·2	

Names of Stations.	Thin Hoop-iron and Rolled Wire.				"Low Moor" Plates.			
	English prices.	Our cost prices.	Difference in our favour.	Remarks.	English prices.	Our cost prices	Difference in our favour.	Remarks.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.	
Agra	182·0	116·0	66·0		442·0	141·0	301·0	
Allahabad	184·0	111·2	72·8		444·0	136·2	307·8	
Benares	192·0	119·2	72·8		452·0	144·2	307·8	
Bhosawul	156·8	84·0	72·8		416·8	109·0	307·8	
Bombay	140·0	100·8	39·2		400·0	125·8	274·2	
Cawnpore	188·0	116·2	72·8		448·0	140·2	307·8	
Gwalior	191·0	125·0	66·0		451·0	150·0	301·0	
Jubbulpore	166·0	93·2	72·8		433·0	125·2	307·8	
Lahore	201·5	135·5	66·0		461·5	160·5	301·0	
Lucknow	192·0	119·2	72·8		452·0	144·2	307·8	
Mooltan	211·0	145·0	66·0		471·0	170·0	301·0	
Nagpore	160·5	76·3	93·2		420·5	101·3	328·2	
Neemuch	173·5	100·7	72·8		433·5	125·7	307·8	
Warora	170·5	70·3	100·2		430·5	95·3	335·2	

REMARKS.—The prices are given per ton, including freight; the latter is calculated at the rates for first class railway goods.

The English prices are given according to the market rates for March 1882, and are, of course, subject to the influence of the fluctuations of the prices in the European markets.

COMPARATIVE STATEMENT

Showing the difference of prices of Iron and Steel Goods in different Railway Stations—concld.

Names of Stations.	Thin Sheet-iron.				Blister Steel.			
	English prices.	Our cost prices.	Difference in our favour.	Remarks.	English prices.	Our cost prices.	Difference in our favour.	Remarks.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.	
Agra	182·0	118·0	64·0		342·0	145·0	197·0	
Allahabad	184·0	113·2	70·8		344·0	140·2	203·8	
Benares	192·0	121·2	70·8		352·0	148·2	203·8	
Bhosawul	156·8	86·0	70·8		316·8	113·0	203·8	
Bombay	140·0	102·8	37·2		300·0	129·8	170·2	
Cawnpore	188·0	118·2	70·8		348·0	144·2	203·8	
Gwalior	191·0	127·0	64·0		351·0	154·0	197·0	
Jubbulpore	166·0	95·2	70·8		333·0	129·2	203·8	
Lahore	201·5	137·5	64·0		361·5	164·5	197·0	
Lucknow	192·0	121·2	70·8		352·0	148·2	203·8	
Mooltan	211·0	147·0	64·0		371·0	174·0	197·0	
Nagpore	169·5	78·3	91·2		329·5	105·3	224·2	
Neemuch	173·5	102·7	70·8		333·5	129·7	203·8	
Warora	170·5	72·3	98·2		330·5	99·3	231·2	

Names of Stations.	Cast-iron Pipes.				Cast-iron Sleepers.			
	English prices.	Our cost prices.	Difference in our favour.	Remarks.	English prices.	Our cost prices.	Difference in our favour.	Remarks.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.	
Agra	117·0	92·0	25·0		98·0	87·0	11·0	
Allahabad	119·0	87·2	31·8		100·0	82·2	17·8	
Benares	127·0	95·2	31·8		108·0	90·2	17·8	
Bhosawul	91·8	60·0	31·8		72·8	55·0	17·8	
Bombay	75·0	76·8	...		56·0	71·8	...	
Cawnpore	123·0	91·2	31·8		104·0	86·2	17·8	
Gwalior	126·0	101·0	25·0		107·0	96·0	11·0	
Jubbulpore	108·0	76·2	31·8		89·0	71·2	17·8	
Lahore	136·5	111·5	25·0		117·5	106·5	11·0	
Lucknow	127·0	95·2	31·8		108·0	90·2	17·8	
Mooltan	146·0	121·0	25·0		127·0	116·0	11·0	
Nagpore	104·5	52·3	52·2		85·5	49·3	36·2	
Neemuch	108·5	76·7	31·8		89·5	71·7	17·8	
Warora	105·5	46·3	59·2		86·5	41·3	45·2	

REMARKS.—The prices are given per ton, including freight; the latter is calculated at the rates for first class railway goods.

The English prices are given according to the market rates for March 1882, and are of course subject to the influence of the fluctuations of the prices in the European markets.

NAME OF STATION.	"BRESCIAN" STEEL.				FERROMANGANESE, WITH 60 PER CENT. MANGANESE.			
	English prices.	Our cost prices.	Difference in our favour.	REMARKS.	English prices.	Our cost prices.	Difference in our favour.	REMARKS.
	£	£	£		£	£	£	
Sheffield	18·0	10·0	8·0		22·0	11·50	10·50	

REMARKS.—The prices are given per ton, including freight; the latter is calculated at the rates for first class Railway goods.

The English prices are given according to the market rates for March 1882, and are of course subject to the influence of the fluctuations of the prices in the European markets.

APPROXIMATE ESTIMATE OF AN IRON WORK

PRODUCING 80 TONS BESSEMER STEEL RAILS PER DIEM.

See Plans Nos. II and III.

	Rs.	Rs.	Rs.
I.—FURNACES AND MACHINERY—			
(*a*)—*For the Blast Furnaces*—			
3 Ore crushers		7,200	
2 Blowing engines, each giving 2,000 cubic feet air per minute, with 2 water-pumps—			
Machinery	54,000		
Foundations	10,000		
		64 000	
1 Hoist for iron ores, charcoal and limestone		18,000	
12 Steam-boilers, each 40 horse-power—			
Boilers	36,000		
Masonry	12,000		
		48,000	
3 Blast furnaces, each producing 33 tons of pig-iron per day—			
Cast and wrought iron	69,000		
Masonry	18,000		
		87,000	
6 Hot-blast ovens—			
Cast and wrought iron	18,000		
Masonry	6,000		
		24,000	
Regulator of blast, gas conduit, blastman, steam and water pipes, &c.—			
Cast and wrought iron	24,000		
Masonry	6,000		
		30,000	
2 Water reservoirs, each for 15,000 cubic feet contents ...		15,000	
Cinder and ore tubs, scales, stools, &c.		15,000	
			3,08,200
(*b*)—*For the Bessemer and Rolling Mill*—			
4 Gas furnaces—			
Cast and wrought iron	20,000		
Masonry	8,000		
		28,000	
2 Bessemer converters, each for 5 tons contents—			
Cast and wrought iron	15,000		
Masonry	2,000		
		17,000	
2 Cupola furnaces, including derrick—			
Cast and wrought iron	5,000		
Masonry	1,500		
		6,500	

	Rs.	Rs.	Rs.
3 Drying furnaces with crane—			
Cast and wrought iron	2,500		
Masonry	2,000		
		4,500	
1 Blowing engine—			
Machinery	36,000		
Foundation	6,000		
		42,000	
1 Water-pump with accumulator for the hydraulic machinery—			
Machinery	10,000		
Masonry	3,000		
		13,000	
1 Hydraulic crane for 10 tons maximum weight—			
Machinery	7,500		
Masonry	2,000		
		9,500	
3 Hydraulic cranes for 4 tons maximum weight—			
Machinery	5,000		
Masonry	1,500		
		6,500	
1 Blooming mill with 250 horse-power steam engine and 45 tons fly wheel—			
Machinery	70,000		
Foundation	8,000		
		78,000	
1 Rails mill with 300 horse-power steam engine and 40 tons fly wheel—			
Machinery	90,000		
Foundation	11,000		
		1,01,000	
1 Steam-hammer, including crane—			
Machinery	15,000		
Foundation	5,000		
		20,000	
16 Steam-boilers, each 40 horse-power—			
Boilers	48,000		
Masonry	16,000		
		64,000	
2 Water reservoirs, each for 15 cubic feet		...15,000	
2 Water-pumps, including steam engine ...		... 6,000	
2 Feeding-pumps for the steam-boilers, including steam engine		... 3,200	
1 Large scale for weighing the Bessemer blocks—			
Machinery	2,500		
Masonry	1,500		
		4,000	
2 Circular saws with steam engine		... 3,000	
3 Drilling machines		... 4,500	
1 Punching machine		... 2,500	
1 Slotting „		... 1,500	
2 Straightening machines		... 5,000	
1 35 horse-power steam engine, including transmission—			
Machinery	4,000		
Foundation	600		
		4,600	
Cooling beds for rails		... 3,000	
Steam, water, and air pipes		...14,000	
Pans, railways, wagons, ingot-moulds, tools, &c. ...		...10,000	
			4,66,300
(c)—*For the Workshops*—			
1 Large lathe for the cylinders		... 5,000	
1 Small „ „		... 1,500	
1 Planing machine		... 3,000	
1 Drilling „		... 1,200	
2 Root's blowers		... 2,400	
1 Steam engine of 40 horse-power, including transmission—			
Machinery	4,500		
Foundation	700		
		5,200	

2 Steam-boilers each 20 horse-power—	Rs.	Rs.	Rs.
Boilers	3,600		
Masonry	1,200		
		4,800	
1 Crane		5,000	
1 Cupola furnace with derrick—			
Cast and wrought iron	2,000		
Masonry	600		
		2,600	
Tools, pipes, railways, &c. ...		4,000	
			34,700
II.—BUILDINGS—			
(a)—*For the Blast Furnaces*—	Area in square feet.		
3 Charcoal shops	30,000	30,000	
Store-yards for iron ores, coal and limestone ...	40,000	7,500	
Ore-crush and ore-mixing house	3,000	6,000	
2 Blowing engine-houses	5,000	15,000	
Building for the hoist	800	8,000	
Foundry hall	15,000	22,500	
2 Chimneys, each 120 feet high	500	8,000	
Channels and drains		6,000	
			1,03,000
(b)—*For the Bessemer Mill*—			
Bessemer and rolling mill	100,000	2,50,000	
2 Chimneys, each 120 feet high	500	8,000	
Channels and drains		6,000	
			2,64,000
(c)—*For the Workshops and divers other buildings*—			
2 Workshops	20,000	40,000	
Store-room	4,000	8,000	
Scale and porter-house, including scale ...	1,500	5,000	
Office	7,000	14,000	
3 Dwelling-houses for Engineers	12,000	18,000	
3 Barracks for workmen	18,000	24,000	
1 Chimney for workshops, 80 feet high ...	150	1,000	
Drains and channels		1,000	
			1,11,000
III.—EARTHWORK—			
Levelling ditches, tanks, dams, &c. ...	...		20,000
IV.—TRAMWAYS—			
55 *running miles* tramway to connect Lohara and Warora with the Iron Work.			
20 *running miles* for transport of charcoal to the Iron Work, altogether 75 miles tramway, per mile	12,000	...	9,00,000
V.—WORKING CAPITAL—			
Amount invested in stores		1,50,000	
Reserve funds		1,50,000	
			3,00,000
VI.—ENGAGEMENT AND BRINGING OUT OF 70 EUROPEAN WORKMEN		...	35,000

Recapitulation

	Rs.
Cost of furnaces and machinery	8,09,200
Do. buildings and earthwork	4,98,000
Do. tramways (75 miles)	9,00,000
Do. bringing out European workmen	35,000
Working Capital and Reserve funds	3,00,000
Total ...	25,42,000

25,42,000

An Iron Work producing *80 tons Bessemer steel rails per day costs Rs. 25,42,000.*
(See Appendix No. 7, page 28.)

APPROXIMATE ESTIMATE OF AN IRON WORK

PRODUCING 80 TONS OF PUDDLED BAR-IRON, HOOP-IRON, THIN SHEET-IRON, AND ROLLED WIRE PER DAY.

(*See Plan No. IV.*)

	Rs.	Rs.	Rs.
I.—FURNACES AND MACHINERY—			
(a)—*For the Blast Furnaces*—			
The same as for the Bessemer work (see page 19).		...	3,08,200

	Rs.	Rs.	Rs.
(*b*)—*For the Puddling and Rolling Mill*—			
38 Puddling furnaces—			
Cast and wrought iron ...	53,200		
Masonry	22,800		
		76,000	
10 Heating furnaces—			
Cast and wrought iron ...	20,000		
Masonry	10,000		
		30,000	
2 Reheating furnaces—			
Cast and wrought iron ...	1,000		
Masonry	500		
		1,500	
24 Steam-boilers—			
Boilers	72,000		
Masonry	24,000		
		96,000	
6 Steam-hammers—			
Machinery	54,000		
Foundation	18,000		
		72,000	
3 Puddling trains—			
Machinery	72,000		
Foundation	9,000		
		81,000	
1 Bar-iron train—			
Machinery	30,000		
Foundation	3,000		
		33,000	
1 Sheet-iron train—			
Machinery	40,000		
Foundation	5,000		
		45,000	
1 Hoop-iron train—			
Machinery	30,000		
Foundation	3,000		
		33,000	
1 Wire train—			
Machinery	36,000		
Foundation	4,000		
		40,000	
2 Double shears for puddle-bars		6,000	
1 Double shear for bar-iron		2,500	
1 „ „ sheet-iron		3,000	
1 Circular shear for sheet-iron		1,500	
3 Water reservoirs, each for 10,000 cubic feet ...		16,000	
3 „ pumps with steam engines		6,000	
3 Feeding pumps for boilers		4,800	
Steam and water pipes, &c.		14,000	
Tools, railways, wagons, &c.		10,000	
			5,71,300
(*c*)—*For the Workshops*—			
2 Large lathes for cylinders		8,000	
2 Smaller „ „		5,000	
The other machinery is the same as for the Bessemer work		29,700	
			42,700
II.—BUILDINGS—			
(*a*)—*For the Blast Furnaces*—			
The same as for the Bessemer work		...	1,03,000
	Area in square feet.		
(*b*)—*For the Puddling and Rolling Mill*—			
Puddling mill	82,000	1,64,000	
Rolling mill	42,000	84,000	
9 Chimneys, each 100 feet high ...	2,000	22,500	
Channels and drains	...	6,000	
			2,76,500
(*c*)—*Workshops and divers buildings*—			
The same as for the Bessemer work		...	1,11,000
III.—EARTHWORK—			
Levelling ditches, tanks, drains, &c.		...	20,000

		Rs.	Rs.
IV.—TRAMWAYS—			
75 running miles (as before), per mile Rs. 12,000	...	...	9,00,000
V.—ENGAGEMENT OF 70 EUROPEAN WORKMEN ...	...	...	35,000
VI.—WORKING CAPITAL—			
Amount invested in stores	...	...	1,50,000
Reserve Funds	...	...	1,50,000

Recapitulation.

Furnaces and machinery	9,22,200	
Buildings and earthwork	5,10,500	
Tramways	9,00,000	
Working Capital and Reserve Funds	3,00,000	
Engagement of European workmen	35,000	
Total .	26,67,700	26,67,700

An Iron Work producing 80 tons per day of puddled bar-iron, thin sheet-iron, hoop-iron, and rolled wire costs Rs. 26,67,700

(See Appendix No. 7, page 28.)

APPENDICES.

No. 1.—The proportion of the pig-iron to the slags in the blast furnace should not exceed that of 5 : 1. The reason of this is that the pig-iron, which accumulates in the lowest part of the blast furnace, requires to be protected from the decarbonising effect of the blast streaming out of the tuyeres. This protection is offered by a sufficiently thick layer of slags, which, being specifically lighter, floats on the surface of the pig-iron bath like oil on water, keeping off every injurious action of the air hovering over it. As a rule, the quantity of slags is twice and three times as large as that of the pig-iron. In the smelting of the Lohara ores, the decidedly rare case presents itself of the ores being too pure and the blast furnace slags consisting of the impurities of the ores, the ashes of the fuel and of the flux, representing 16 per cent. only of the quantity of pig-iron. To complete, therefore, the deficiency of 4 per cent., the ores of Lohara require an addition of 12 per cent. of an inferior ore, which is to be found in the neighbourhood of the projected Iron Work.

The reason of the difficulty in treating magnet iron ores lies in general in their low melting point, combined (notwithstanding their proportionally smaller contents of oxygen) with a difficulty in reduction. On this account it easily occurs that magnetites begin to melt in the blast furnace before the oxygen has been driven out, bringing about the unpleasant consequences well known to iron-masters. Magnetites can therefore not be worked with a blast of high temperature in order to reduce them, as much as possible, with carbonic oxygen gas (CO), that is to say, at a lower temperature.

Therefore, also, for the smelting of magnetite ($Fe_3 O_4$) proportionately larger consumption of fuel in the blast furnace is required than in the smelting of specular iron ores ($Fe_2 O_3$), a kind of red iron ore, although the latter requires more carbon for its reduction than the former.

No. 2.—The reasons why specifically heavier charcoal, weight for weight, is more valuable than specifically lighter charcoal are the following :—

(1) A larger quantity of fixed carbon is comprised in a smaller space, whereby, as is well known, the pyrometric effect of every description of fuel is raised.

(2) The larger the specific weight is of charcoal, the greater is its resistance to being crushed, and this consideration is very important in regard to the use of charcoal in the blast furnace. In general, the dimensions of a blast furnace should be *as large as possible*, as thereby fuel, labour, and wear and tear are spared, but their limit is determined by the height of the furnace from which all the other dimensions depend. The height of a blast furnace again depends on the mechanical resistance "capacity" of the fuel to be used, which "capacity" should be great enough to enable it to bear, in the lower parts of the furnace, the whole weight of the smelting column which fills the furnace (namely, the ore, fuel and flux) without being crushed. Coke furnaces are worked most economically, because their height reaches 70 feet, and their outturn of pig-iron can be raised to 75 tons per day. The charcoal blast furnaces of Styria and Sweden have a maximum height of 45 feet, and produce 20 tons of pig-iron, but the charcoal of Chanda will allow of a blast furnace 52 feet high capable of turning out daily from 30 to 35 tons of pig-iron.

No. 3.—Coke for the blast furnace process should not be smaller than half a fist ; it is better when the pieces are more than the size of a fist, and this on the following grounds :—

(1) To facilitate their onward motion, together with the ore and flux, which is necessary for the promotion of the chemical reactions between the fuel, ore and flux as they sink in the blast furnace, which chemical reactions are possible only when the materials remain in constant touch with one another.

(2) To render possible the withdrawing of the gases rising from the lower parts of the blast furnace, which evidently would not take place if all the interstices between the materials which fill the blast furnace were choked up with small particles of coke.

No. 4.—It may not be out of place here to meet an objection arising from an opinion still often entertained, that for the purpose of producing "Spiegeleisen," manganese ores may be added to iron ores devoid of it by introducing it into the blast furnace in proper quantities along with the iron ore.

This question may be raised in our case, as manganese ore is found not far from the iron work (see Plan No. I, page 10). All such attempts have failed in practice, owing to the difficulty of reducing manganese ore. It is found that the iron ore is reduced (the oxygen driven out) and carbonised; therefore ready for the melting process, when the manganese ore, which had been put in simultaneously with the other, has scarcely commenced giving off its oxygen; in other words, has scarcely commenced to be reduced.

The natural consequence then results that the manganese ore (reaching the melting zone almost unchanged) is fused in this condition, and forms a good part of the blast furnace slags without amalgamating itself with the pig-iron.

The simultaneous red uction of oxide of manganese and oxide of iron can only take place when the particles of both are mos t intimately mixed, which is the case in iron ores containing a large percentage of oxide of manganese.

An alloy of metallic iron and manganese, the so-called ferromanganese, can be obtained by certain manipulations (see page 9); but as ferromanganese cannot replace "Spiegeleisen," this process is not worth further consideration in *this* place.

No. 5.—The direct process of Siemen's is, under the conditions before us, not suitable, because this process depends also upon the open-hearth furnace, as the iron blooms (the end product of the Siemen's rotator furnace) have to be dissolved in the pig-iron bath of the open-hearth for the conversion into steel. These blooms are therefore used in the same manner as the iron ores in the Landore process.

Should, however, in future the open-hearth process become practicable (through opening of the Pisgaon coal mine—see page 3), it is then the *Landore* direct process would be preferable, as, in our case, the iron ores of Lohara would cheaply replace the iron blooms of Siemen's rotator.

No. 6.—For the reasons explained in page 27, an addition of 12 per cent. of poorer ores will be necessary for the Lohara ores. Such poorer ores are to be found in Joonona, about 19 miles from the iron work, therefore about 20 miles nearer than those of Lohara; but as the former have to be carried by cart to the iron work, the price of Rs. 3¼ (delivered at the works) remains unaltered.

No. 7.—The estimate includes the cost of the tramway for the transport of the charcoal to the iron work. The length of this tramway would be 20 miles, and its price Rs. 2,40,000. In the first seven years, however, the charcoal might be carried on the other tramway, *viz.*, that connecting the iron work with Lohara and Warora, and the building of the charcoal tramway might be deferred till the necessary rails, sleepers, &c., can be made in our own iron work.

No. 8.—Cost per ton of manufactured charcoal from the Mahorli forests, at the place of production, for iron work. (The dates are furnished by the Conservator of Forests, Central Provinces.)

When the yield per square mile is tons charcoal.	Felling and collection of wood, and manufacture of charcoal.	Cultural operations for maintenance of yield.	Establishment.	Wear and tear of building and stock.	Total.	Allowing for rise in wages and contingencies to be expected 30 per cent.	Remarks.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
2,000	3 9 0	1 12 0	0 10 0	0 3 0	6 2 0	8 0 0	
3,000	2 12 8	1 2 0	0 10 0	0 3 0	4 11 8	6 2 8	
4,000	2 1 0	0 12 0	0 10 0	0 3 0	3 10 0	4 11 4	
6,000	1 7 2	0 8 0	0 10 0	0 3 0	2 12 2	3 10 0	
10,000	0 15 4	0 5 0	0 10 0	0 3 0	2 1 4	2 12 0	
Average ...	2 2 8	0 14 2	0 10 0	0 3 0	3 13 10	5 0 6	

No. 9.—Memorandum showing the principal species of trees occurring in the Chanda forests which are permitted to be felled for consumption.

Botanical names.	Hindustani names.	Weight per cub. ft. in lbs.	Remarks.
Acacia Leucophloa	Reunja ...	55	*
Do. Catechu	Khair ...	75	*
Adina Cordifolia	Haldu ...	42	
Albizzia Lebbek	Sirrus ...	52	
Do. Lucida	Sirrus ...	40	
Do. Odorotissima	Basseni Sirrus ...	40	*
Do. Procera	Safed Sirrus ...	42	*
Bauhinia Retusa	Bhoti ...	54	
Do. Variegata	Kachuar ...	54	
Do. Malabarica	Amlosa ...	42	
Barringtonia Acutangula	Salamandar Phal ...	56	
Bombax Malabaricum	Semal ...	29	
Boswellia Thurifera	Satai ...	33	
Butea Frondosa	Palus ...	34	
Cassia Fistula	Amaltas ...	59	
Cochlospernum Gossypium	Gadbi ...	30	
Conocarpus Latifolia	Dhawra ...	61	
Diospyrus Melanoxylon	Pendu ...	75	
Gardenia Turgida	Ghuga ...	56	
Feronia Elephantum	Kawity ...	50	
Gardenia Gummifera	Dekarmali ...	54	
Do. Lucida	Do. ...	54	
Do. Latifolia	Papra ...	52	
Grewia Oppositifolia	Bihul ...	40	
Do. Vestita	Dhamin ...	50	
Helicteris Isora	Maror Phal ...	40	
Ixora Parviflora	Lokhandi ...	45	
Kydia Calycina	Baranja ...	42	
Lebidieropsis Orbicularis	Jarari ...	45	
Legerstrœmia Parviflora	Leudia ...	45	*
Limonia Acidissima	Bali ...	60	
Nauclea Parviflora (Stephegine) ...	Keim ...	41	*
Odina Wodier	Ghujah or Moru ...	55	
Phyllanthus Emblica	Armla ...	55	
Sleichera Trijuga	Kusam ...	68	*
Soymida febrifuga	Rohan ...	65	*
Sterculia Urens	Kulu ...	35	
Terminalia Bellerica	Bahera ...	41	
Xylia Dolabriformis (Ironwood of Burma).	Tamba ...	64	*
Zizyphus Xylopyra	Ghoti ...	60	

1. Average weight per cubic foot 50 lbs.

* 2. Require special sanction of the Deputy Commissioner for being cut.

3. The names of the trees have been furnished by Geo. Taylor, Esq., Assistant Conservator of Forests at Chanda.

SUGGESTIONS.

The quantities, qualities, and the prices of the raw materials available in the Chanda district would furnish daily 80 tons of finished iron or steel, saleable at competition and profitable prices in India, and certain other articles for exportation to England.

Rails would give the *smallest* profit, as, by the "Thomas Gilchrist" dephosphorising method combined with the Bessemer process, the cheaper pig-iron, containing phosphorus, is worked into rails, the price of which has therefore fallen in Europe by 40 per cent. within the last two years.

Greater will be the profit from kinds of iron which, for the reasons explained on page 8, cannot be made so profitably by means of the Bessemer process, such as small bar-iron, hoop-iron, thin sheet-iron, wire, &c.; in short, all such kinds of goods which have either a small or a complex section.

Most profitable in our case will be articles which can be made *only* of ores of the best quality, and with vegetable fuel. Some of these have been severally and briefly treated of on pages 6 and 7. The chief factor which may, in the beginning, mar the full financial success of the Chanda Iron Works lies in the high railway freight prevailing in India.

This incubus on iron-work industry will, in the present case, press all the harder, as the railways of the Central Provinces are still insufficiently developed, as a glance at the railway chart may easily prove; but it may be expected that commercial, strategical, and other interests will soon cause the completion of the system to be taken in hand.

In the interest of the prospective iron industries of Chanda, the following extensions or new constructions of railways would be beneficial :—

(1) An extension of the Wardah-Warora line to Hyderabad *viâ* Chanda.
(2) A junction of the Great Indian Peninsula line at Kamptee with Gadawara or Jubbulpore (Bhosawul-Jubbulpore line) *viâ* Seoni.*
(3) A further extension of the latter line through Saugor and Jhansi and a junction with Gwalior.

Should these extensions be decided upon, it would be advisable to utilise the natural resources of the Chanda district in iron works capable of manufacturing all the iron railway material.

* North-east of Nagpore.

CHANDA; *19th April 1882.* } RITTER C. VON SCHWARZ.

No. 2934.—Privilege leave for three weeks having been granted to Mr. T. W. Rawlins, B.C.S., Accountant General, Punjab, and Deputy Commissioner of the Department of Issue of State Paper Currency, Lahore, Mr. Rawlins availed himself of the leave after noon on the 3rd August 1882.

Mr. W. Wells having been appointed to officiate as Accountant General, Punjab, and Deputy Commissioner of the Department of Issue of State Paper Currency, Lahore, during the absence of Mr. Rawlins, or until further orders, received charge of the appointment after noon on the 3rd August 1882.

D. M. BARBOUR,
Secy. to the Govt. of India.

MILITARY DEPARTMENT.

Simla, the 29th July, 1882.

FIELD OPERATIONS.

No. 421—EGYPT—

Under instructions from Her Majesty's Government, the Most Hon'ble the Governor General in Council has been pleased to direct that a force, as detailed below, be despatched for service in Egypt.

The appointments herein made will have effect from the dates on which the officers named may enter upon the duties thereof :—

Major-General Sir H. T. Macpherson, K.C.B., V.C., Bengal Staff Corps	Commanding
Lieutenant F. C. E. Childers, Royal Artillery ...	Aide-de-Camp
Major A. B. Morgan, Norfolk Regiment ...	Assistant Adjutant General
Major M. J. King-Harman, Bengal Staff Corps ...	Assistant Quartermaster General
Captain H. Melliss, Bombay Staff Corps ...	Deputy Asst. Quartermaster General
Captain E. R. Elles, Royal Artillery ...	Deputy Asst. Quartermaster General
Colonel H. Moore, C.B., C.I.E., Bombay Staff Corps ...	Assistant Quarter Master General (for Intelligence).
Lieutenant J. M. Grierson, Royal Artillery ...	Deputy Assistant Quarter Master General (for Intelligence).
Colonel J. Browne, C.S.I., Royal Engineers ...	Commanding Engineer
Major W. G. Nicholson, Royal Engineers ...	Field Engineer
Lieutenant J. Burn-Murdoch, Royal Engineers ...	Assistant Field Engineer
Major H. C. Marsh, Bengal Staff Corps ...	Provost Marshal
Lieutenant J. E. Dickie, Royal Engineers ...	Superintendent of Army Signalling
Voty.-Surgeon J. Anderson, Army Veterinary Department	Inspecting Veterinary-Surgeon
Reverend J. Henderson, M.A.	Presbyterian Chaplain

Medical Department.

Deputy Surgeon-General C. Smith, M.D., Madras Medical Department. ...	Principal Medical Officer

Military Account Department.

Major M. A. Rowlandson, Madras Staff Corps ...	Field Paymaster
Lieutenant W. R. LeG. Anderson, Bombay Staff Corps ...	"

Ordnance Department.

Captain H. H. Pengree, Royal Artillery ...	Commissary of Ordnance

Commissariat Department.

Lieutenant-Colonel W. Luckhardt, Bombay Staff Corps	...	Principal Commissariat Officer
Captain L. W. Christopher, Bengal Staff Corps	...	Deputy Assistant Commissary General.
Lieutenant-Colonel C. McInroy, Madras Staff Corps	...	Sub-Assistant Commissary General
Major A. T. S. A. Rind, Bengal Staff Corps	...	" "
Captain B. L. P. Reilly, Bombay Staff Corps	...	" "

Commissariat-Transport.

Lieutenant-Colonel C. Hayter, Madras Staff Corps	...	Director of Transport
Captain S. D. Turnbull, Bengal Staff Corps	...	Transport Officers
Lieutenant L. E. B. Booth, West Riding Regiment	...	Transport Officers
Lieutenant E. K. E. Spence, Bengal Staff Corps	...	Transport Officers

Artillery.

No. 7-1st Brigade, Northern Division, Royal Artillery (Mountain Battery).

Cavalry Brigade.

Brigadier-General H. C. Wilkinson, *h.p.*, late 16th Lancers	...	... Commanding
Major S. D. Barrow, Bengal Staff Corps	...	... Brigade Major

2nd Bengal Cavalry.
6th Bengal Cavalry.
13th Bengal Lancers.

Sappers and Miners.

"A" Company, Madras Sappers and Miners.
"I" " " " " "

Infantry Brigade.

Colonel O. V. Tanner, C.B., Bombay Staff Corps	...	... Commanding
Major R. H. Murray, Seaforth Highlanders	...	... Brigade Major

1st Battalion Seaforth Highlanders.
7th Bengal Native Infantry.
20th Bengal (Punjab) Native Infantry.
29th Bombay Native Infantry (2nd Biluch Regiment).

In Reserve at Aden.

4th Madras Native Infantry.
31st Madras Native (Light) Infantry.

The following regulations are laid down for the guidance of all concerned:—

1. Native Regiments will go on the present established strength of 550 of all ranks for Cavalry, and 832 for Infantry, so far as they may be complete, and *minus* the men who are unfit.

2. Commanding Officers will be held responsible that none but officers, men and followers in every way fit for field service accompany the regiment: all sickly men are to be left at the depot, and no others.

3. Each Native regiment will be completed to its full establishment of eight British officers, including those who may be recalled from furlough, and who may be expected to join in Egypt.

4. Followers, servants, and baggage will be according to the Kabul scale, but without grass-cutters, except as hereinafter laid down for the cavalry. All regiments will be completed with all establishments (including commissariat), according to the orders laid down, in their respective presidencies.

5. Depots for regiments will be formed under the orders of His Excellency the Commander-in-Chief in India, and of the Governments of Madras and Bombay respectively.

6. A British officer will be detailed for the charge of each of these depots, and will draw the allowance specified in Articles 307 and 378, Pay Code for India, Vol. I. A pay havildar, on a staff salary of Rs. 5 per mensem, will be allowed to each depot of native troops.

7. Commanding Officers will be held responsible that all orders and circulars connected with family remittances and arrangements for the comfort of the men and families are made known to, and are in possession of, officers appointed

to the charge of depots; and that provision is made for the care of spare arms, accoutrements, books, heavy baggage, &c., which may be left behind.

8. Quartermaster's establishments for the depots will be supplied under clause 15, India Army Circulars of 1880.

9. The families of British troops left behind in India will remain at their present stations, and will receive, in addition to subsistence allowance, three-quarter rations for the wives and half-rations for the children.

10. Followers, servants, baggage, camp equipage, and kit, for staff and departmental officers, will be on the Kabul scale, but grass-cutters will not be taken.

11. The British troops, including officers of the Army Medical Department, will remain on Indian pay and allowances until they land in Egypt, when they will come under the orders of the General Commanding in Egypt, and will then be on the same scale of pay and allowances as the rest of the British troops with the expeditionary force.

12. Native infantry and sappers and miners will draw extra batta; and free rations will be allowed to all ranks of cavalry, infantry, and sappers, while on foreign service.

13. Each native commissioned officer of the cavalry will be required to keep up one pony and one attendant as syce and grass-cutter, whether he takes one or two horses; and the non-commissioned officers and privates to maintain one pony and one grass-cutter for every two horses.

14. Compensation at the rate of Rs. 5 per mensem will be allowed to the native officers for each bargheer sanctioned by existing regulations, if maintained by them, out of which sum they will pay the share of the grass-cutter's wages and provide the stable gear. A similar amount will be deducted from the pay of the bargheer sowars.

15. As during a sea voyage the officers, non-commissioned officers and sowars of the cavalry would be unable to make the requisite provision for the forage of their horses, whilst difficulty might be experienced in this respect during a portion of their service on land, the forage of the horses, and of the mules or ponies accompanying, will be undertaken by the Commissariat, with such assistance as the regiments and followers may be enabled to render after landing.

16. All ranks will be required, as at present, to maintain one efficient horse; but the native commissioned officers will be allowed forage for two horses each, if they desire to take a second charger.

17. The grass-cutters will be paid by the troops, as usual; but the ponies will receive grain, and, when necessary, hay, free of cost. Both grass-cutters and animals will be employed to procure forage when obtainable, and must be held disposable for all purposes.

18. The native commissioned and non-commissioned officers of cavalry will continue to subscribe to the regimental funds to such extent as commanding officers may deem necessary within the limits prescribed by regulations.

19. They will continue to supply themselves with the ordinary clothing, equipment, saddlery, and stable gear for their horses; but articles of extra clothing necessitated by any speciality of climate or service will be issued free of cost.

20. All casualties of horses or ponies arising from neglect or from causes evidently unconnected with the particular nature of the service must, as usual, be replaced by the regiments concerned. Each troop will be allowed to embark and maintain two chunda horses, to meet casualties, which will be rationed free of cost.

21. All casualties among horses or ponies fairly attributable to, or connected with, the service, including those from accident on boardship or during embarkation or disembarkation, will, if there has been no proved neglect, be replaced by Government, or compensation will be allowed, under the rules in the Pay Code for India, Vol. II.

22. During the continuance of the arrangement under which the supply of grain and forage to the cavalry is undertaken by the State, the pay of the several grades will be as follows:—

Bengal Cavalry.

	Rates of pay. Rs.	A.	P.
1 Ressaldar, 1st class	300	0	0
1 „ 2nd „	250	0	0
1 „ 3rd „	200	0	0
1 Ressaidar, 1st „	150	0	0
1 „ 2nd „	135	0	0
1 „ 3rd „	120	0	0
1 Woordie-major	150	0	0
2 Jemadars, 1st class	80	0	0
2 „ 2nd „	70	0	0
2 „ 3rd „	60	0	0
Duffadars	30	0	0
Trumpeters	25	0	0
Sowars	20	0	0

23. Public followers, except those engaged on salaries specifically laid down for the occasion, will receive an addition of 50 per cent. on pay and batta, in addition to free rations, while on foreign service.

24. The sanctioned followers paid by the troops will receive from Government free rations, and such extra pay as may be necessary to put them on a par with the public followers of a similar class.

25. The scale of rations for native troops on shore will be that laid down in Article 641, Indian Commissariat Code, extracted in the margin. An allowance of 1 lb. of meat per man weekly is also authorised.

Atta 2 lbs., or rice	1½ lbs.
Dhal	4 oz.
Ghee	2 „
Salt	¾ „
Onions	1 „
Pepper	1/6 „
Chillies	1/6 „
Turmeric	1/6 „

When meat, even on special occasions, is issued, the ration of atta or rice is to be reduced one-half.

No claim for pecuniary compensation can be admitted, if through accident any part of the above authorised scale of rations is not forthcoming.

The issue of tea and sugar should be confined to the cases of sick and wounded, for whom medical officers may authorise it, and for the rest of the troops on special occasions of fatigue, exposure, or bad climate when recommended by the principal medical officer. On such occasions 2 oz. of sugar and ¼ oz. of tea per man may be issued.

Tobacco can only be issued on payment at the rate of one ounce per man per diem, the price charged being the first cost to Government, without any addition on account of carriage or losses.

The scale of rations on boardship will be for Europeans that laid down in Appendix XI, page 565, Commissariat Code, and for natives that laid down in Appendix XIV, page 575, of the same Code.

The scale of rations for followers will be as follows:—

Wheat flour or rice ...	1½ lbs.
Dhal	4 oz.
Ghee	1 „
Salt	¾ „

26. On land the forage allowance for each horse will be 8 lbs. of such grain as may be procurable, with 14 lbs. of hay when green forage is not procurable, or otherwise as may be ordered. The allowance for ponies will be one-half of the forage ration of a horse.

"433. Officers *on field service* are required to credit in their pay bills the value of all rations, &c., and the hire of all carriage supplied to them under the following certificate:—

"I do hereby certify on honor that during the period for which the pay (or advance) is drawn. I have received rations from the Commissariat for myself, servants, and horses. I have also had the use of the following Government carriage:—

"

27. British officers and departmental warrant officers will be allowed to draw rations for themselves, servants, and horses from the Commissariat Department, payment being made as laid down in the Commissariat Code, paragraph 433:—

Officers—

Rations for themselves, daily, exclusive of rum or extra supplies	Rs. 0	8	0
Rations for their servants, monthly	„ 2	8	0
Rations for each horse, daily	„ 0	8	0

Warrant Officers—

Rations for themselves, daily, exclusive of rum or extra supplies ...	„ 0	6	0

28. Transport will be charged for at the rates laid down for the Afghan war, *viz.*, 8 annas and 7 annas per diem for camels and mules respectively.

29. The officers of the Military Account Department will act as Field Paymasters, and also have charge of the treasure chest.

30. Pay lists of British troops for the period of the voyage will be rendered to the Pay Examiner of the Presidency to which they belong; from date of landing in Egypt, they will be rendered to the Staff Paymaster with the force proceeding from England.

31. Pay lists of native troops will be forwarded, as soon after the first of each month as may be possible, through the Field Paymaster, to the Pay Examiner of the Presidency to which the troops belong. Officers commanding regiments will draw monthly from the field pay office such sums as may be required for the pay of themselves and their men, after making provision to meet family allotments and remittances, fund subscriptions, &c., the amount of which allotments, &c., they will debit themselves with in their general states.

32. The pay bills of all staff and departmental officers will be adjusted by the Field Paymaster.

33. All payments to native troops will if practicable be made in rupees; but should it be necessary to issue the coinage of the country or British money, their pay and allowances will be converted into that coinage, under the orders of the General Commanding, at the rates of exchange current in Egypt.

34. Officers commanding native regiments and detachments detailed for service are directed to at once draw and distribute three months' pay in advance to their respective corps.

35. Staff and departmental establishments may receive similar advances, not including command, contract, office, and staff allowances.

36. The family remittances to India of the British troops will be made at the official rate of exchange through the Field Paymaster. Remittances to England will be made under the War Office regulations. The family remittances of native troops will be arranged for, as usual, by officers commanding regiments and detachments.

37. Officers, warrant officers and non-commissioned officers, with the exception of those belonging to the British portion of the division, requiring remittances to India, may remit the whole or any part of their pay to India at par on paying the amount to the Field Paymaster, who is authorised to grant transfer remittance receipts on any treasury in India. As an alternative arrangement, officers may leave with the Presidency Paymaster, Bombay, an allotment roll stating the amount they wish to be paid monthly, and the person to whom it should be remitted. That officer will then make the necessary remittance monthly, and he will furnish the Field Paymaster with a list of the sums thus allotted, to enable the latter to make the necessary deduction from officers' pay bills. Remittances to England for the benefit of their families may be made through the Field Paymaster at the official rate of exchange, to the extent of one-half of an officer's clear receipts, exclusive of office and contingent allowances.

38. Officers of the expeditionary force should recover from the pay of followers serving under them the amount that each man may desire to be paid to his family in India, and send to the Controller of Military Accounts, Accounts Branch, Bombay, in time to reach him not later than the 20th of each month, a statement* of such recoveries, according to which the families will be paid under instructions to be issued by that officer. The amount thus recovered should be paid to the Field Paymaster, whose receipt should be entered on, or attached to, the statement.

* Form attached.

39. Every care should be taken to fill in the statements correctly from the tickets given to the men on engagement and the records in the field. Where the information is not available, owing to the loss of the tickets or any other cause, immediate application should be made to the depot commanding or departmental officers concerned.

40. Clothing and equipment on the following scales will be issued to troops and followers:—

British Troops.

Waterproof sheet, English†	...	...	...	1
Jerseys	...	...	...	2
Boots, pairs	...	...	...	1
Puttees (on payment)	...	...	...	1
Extra blanket	...	...	...	1
Canvas frock, for boardship	...	...	...	1
Flannel belt	...	...	...	1
Quart tin mug } for boardship		...	...	1
Hammock, pillow, &c. } for boardship		...	...	1

† Will remain in Commissariat charge, and be issued under the orders of the General Officer Commanding as required.

Native Troops.

Waterproof sheet*	...	...	...	1
Jerseys	...	...	...	2
Shoes (native), pairs	...	...	...	1
Puttees (on payment)	...	...	...	1
Blanket (country)	...	...	...	1
Canvas frock, for boardship	...	...	...	1
Flannel belts	...	...	...	2

Followers.

Waterproof sheet*	...	...	...	1
Banians or jerseys	...	...	...	2
Shoes (native), pairs	...	...	...	1
Blanket	...	...	...	1
Lascar or follower's coat	...	...	...	1
Flannel belt	...	...	...	1
Greatcoat	...	...	...	1
Pyjamahs	...	...	...	1
Tin canteen	...	...	...	1
Havresack	...	...	...	1

41. In addition to the above, the regulated service kit for all troops will be maintained complete.

42. All the arrangements special to this service will have effect from the date of embarkation, and continue in force until the date of return.

43. Detailed instructions on points connected with the expeditionary force have been issued to all concerned.

44. The embarkation and all subsidiary arrangements will take place under the orders of His Excellency the Commander-in-Chief in India.

Statement of recoveries on account of family payments of followers, &c., on field service during the month of 188 .

Followers, &c.				Family Certificates.					Remarks.
1	2	3	4						
Designation.	Names.	Where enlisted.	Corps or department to which attached.	No. of ticket.	To whom payable and relationship to followers.	Amount recovered.	Period for which recovered.	By whom and where payment is to be made.	

APPOINTMENTS.

No. 422.—BRIGADE—

With reference to G. G. O. No. 421 of this date, Colonel O. V. Tanner, C.B., Bombay S. C., Commandant, 29th Bombay Native Infantry, will have the temporary rank of Brigadier-General of the 2nd class while employed in command of a Brigade of the Indian Division, Egypt Expeditionary Force.

* Will remain in Commissariat charge, and be issued under the orders of the General Officer Commanding as required.

The 4th August, 1882.

No. 423.—STAFF CORPS—

The undermentioned officer is admitted to the Bengal Staff Corps, with effect from the date specified, subject to the confirmation of the Right Hon'ble the Secretary of State for India:—

Lieutenant Frederick Simpson St. Quintin, Leicestershire Regiment, Officiating Wing Officer, 30th Native Infantry,—17th May, 1880.

The commission of Lieutenant St. Quintin is antedated to the 17th May, 1880, subject to Her Majesty's approval.

No. 424.—MILITARY ACCOUNTS DEPARTMENT—

The following officers to be Assistant Military Accountants, on probation:—

Lieutenant H. E. Passy, Bombay S. C., Wing Officer and Adjutant, 26th Bombay Native Infantry,—18th July, 1882.

Lieutenant W. C. F. Field, Bombay S. C., Wing Officer and Adjutant, 17th Bombay Native Infantry,—20th July, 1882.

FURLOUGH AND LEAVE.

No. 425.—The undermentioned officer has been granted extension of furlough by the Right Hon'ble the Secretary of State for India:—

Major J. E. Sandeman, Bengal S. C., (m. c.) for two months.

MEDICAL DEPARTMENT.

No. 426.—The Governor General in Council is pleased to notify that the provisions of G. G. O. No. 575* of 1880 do not apply to officers of the Indian Medical Service who may be selected for promotion to Deputy Surgeon-General, with a view to appointment to the administrative medical charge of a province.

* With a view to afford Medical Officers of the Indian Service employed on civil duties the opportunity of acquiring the latest experience of military medical administration before their nomination for promotion to the administrative grade, which nominations will be made at a date to meet, as nearly as possible, foreseen vacancies, the Governor General in Council is pleased to notify that such officers, in the event of their not having performed military duty for six months within the three years immediately preceding the time of their probable promotion, shall on nomination be required to spend six months in medical charge of a Native Regiment at a station which is the head-quarters of a Deputy Surgeon-General, with whom they will be associated in view to their acquiring a thorough acquaintance with the details of the office and the administrative system in force with British and Native troops.

* * * * *

2. Officers who have not complied with the terms of the above G. G. O. will not, however, be eligible for appointment to the administrative grades of the military branch of the service.

NAMES AND DESIGNATIONS.

No. 427.—Major and Brevet Lieutenant-Colonel R. E. Wilmot, General List, Infantry, is permitted to assume the surname of *Eardley-Wilmot* in lieu of that of "Wilmot."

PROMOTIONS.

No. 428.—The following promotions are made, subject to Her Majesty's approval:—

BENGAL STAFF CORPS.

To be Captain.

Lieutenant Henry Spencer Wheatley,—3rd August, 1882.

MEDICAL DEPARTMENT.

To be Deputy Surgeon-General.

Brigade Surgeon Alfred James Dale, M.B., in succession to Deputy Surgeon-General R. H. Perkins, whose tour of service has expired. Dated 3rd August, 1882.

BREVET.

To be Lieutenant-Colonel.

Major Richard Graham Birch, Bengal Cavalry, in succession to Lieutenant-General D. S. Dodgson, C.B., Bengal Infantry, transferred to the Unemployed Supernumerary List. Dated 10th March, 1882.

G. G. O. No. 401 of 1882 is cancelled as far as it refers to Lieutenant-Colonel A. P. Currie, Bombay Cavalry.

No. 429.—Under the provisions of the Royal Warrant of the 10th November, 1881, the name of Major (now Lieutenant-Colonel) A. T. Rolland, Madras S. C., is placed on the list of Lieutenant-Colonels on the Indian Gradation List, in consequence of the transfer to the Unemployed Supernumerary List of General R. G. Taylor, C.B., C.S.I., Bengal S. C., on the 1st April, 1882.

No. 430.—NATIVE ARMY—

7th Native Infantry.

Havildar Soob Kurrum Sing, to be Jemadar, *vice* Judnath Sing, transferred to the 17th Native Infantry,—10th March, 1881.

Pay and Color Havildar Ramburn Opudhia, to be Jemadar, *vice* Doorgah Sing, promoted,—19th July, 1881.

Pay and Color Havildar Bhawanibuccus Sing, to be Jemadar, *vice* Ruchpal Sing, transferred to the 17th Native Infantry,—9th September, 1881.

Pay Havildar Mahomed Yar Khan, to be Jemadar, *vice* Mahomed Zeman Khan, resigned,—8th November, 1881.

This cancels the portions of G. G. O. No. 536 of 1881, and G. G. O. No. 247 of 1882, which refer to these Native officers.

10th Native Infantry.

Jemadar Bahadoor Khan, to be Subadar, *vice* Mowla Bux Khan, invalided,—1st May, 1882.

Jemadar Ramadheen, to be Subadar, *vice* Bebakha, invalided,—9th May, 1882.

Jemadar Ramsoobhoge Singh, to be Subabar, *vice* Muhais Singh, invalided,—1st May, 1882.

Havildar Shamali Khan, to be Jemadar, *vice* Bahadoor Khan, promoted,—1st May, 1882.

Drill Havildar Nowrutton Singh, to be Jemadar, *vice* Ramsoobhoge Singh, promoted,—1st May, 1882.

Havildar Munbodh, to be Jemadar, *vice* Ramadheen, promoted,—9th May, 1882.

20th Native Infantry.

Jemadar Ursulla Khan, to be Subadar, *vice* Meer Mahomed, invalided; Havildar Izzut Khan, to be Jemadar, *vice* Ursulla Khan, promoted,—11th September, 1881.

(Late) 34th Native Infantry.

Havildar Munglie, to be Jemadar, *vice* Thakoorie, invalided,—5th April, 1882.

G. CHESNEY, *Colonel,*
Secretary to the Government of India.

MILITARY DEPARTMENT.

NOTIFICATION.

CALCUTTA, THE 31ST JULY, 1882.

Statement of Deposits on account of Estates from the 18th to the 31st July, 1882.

On whose account	Rank.	Corps.	Date of decease.	Testate or Intestate.	Total unclaimed amount deposited.	Amount paid in India.	Date to which claims will be received.
Indian Military Service.					Rs. A. P.		
Clement Edmond Sherard (a).	Lieutenant ...	Madras Staff Corps.	9th June, 1881	Intestate	3,146 2 4	...	...

(a) *Next-of-kin.—Mother.*—Clara Leslie Sherard; *Address*—Etham Villa, Outram Road, South Sea, Hants. *Brother*—Robert Castel Sherard; *Address*—Quetta, Biluchistan. *Sisters*—Alice Isabella Sherard, Edith Marie Sherard, Georgiana Susan Morris.

W. M. LEES, *Colonel,*
Officiating Secretary to the Government of India.

PUBLIC WORKS DEPARTMENT.

NOTIFICATIONS.

Simla, the 4th August 1882.

No. 182.—Mr. J. W. A. McNair, Assistant Examiner, 1st Grade, is retransferred to the Office of the Examiner of Telegraph Accounts.

No. 183.—Mr. S. M. Johnson, Examiner, 4th Class, 3rd Grade, temporary rank, is transferred temporarily to the North-Western Provinces for employment in charge of the Railway Accounts of that Province during the absence of Mr. Braddon, on privilege leave.

W. S. TREVOR, *Colonel, R.E.,*
Secy. to the Govt. of India.

The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, AUGUST 5, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller General, &c.

GAZETTE OF INDIA.

NOTICE.

The 11th March 1882.

From the 8th April next, till further notice, Parts I, IV, and V of the *Gazette of India*, and the Weather and Crop Report, will be published at Simla. After the 1st April, all Notifications and other matter intended for publication in those Parts, should be addressed to the Officiating Publisher at that station.

Parts II and III and the Supplement will continue to be published in Calcutta.

Parts IV and V of the *Gazette of India*, containing the Acts and Bills of the Legislative Council, may be subscribed for separately from the other Parts of the Gazette. The annual subscription for the two Parts is Rs. 5 per annum, payable in advance. When sent by post, Rs. 2-8 per annum additional will be charged for postage. For the current year these Parts are available from 1st May only, the back numbers being out of print.

Complaints regarding non-receipt of any number of the *Gazette* should be forwarded within a week after the day on which it is due.

Applications for the supply of the *Gazette* on the *public service* should be addressed to the Home Department.

By an order of Government, all subscriptions must be paid *in advance*.

	Rs.	A.	P.
Subscription for *Gazette* and Supplement per annum	15	0	0
Postage	5	8	0
Subscription for Supplement only	6	0	0
Postage	3	0	0
For a single copy of the *Gazette*	0	8	0
For a single copy of the Supplement	0	8	0

Postage on single copies varies according to weight.

E. J. DEAN,
Publisher Gazette of India.

BANK OF BENGAL.

NOTICE.

Calcutta, the 2nd August 1882.

The Directors have made the following changes in the Bank's Establishment:—

Mr. E. Fishbourne, Agent at Lahore, has been granted short leave; the Accountant, Mr. E. Dickinson, has been appointed to act for him during his absence.

Mr. H. B. Sterndale, Agent at Cawnpore, has been granted short leave; Mr. H. K. Gordon, Accountant at Bombay, has been appointed to act for him during his absence.

W. D. CRUICKSHANK,
Offg. Secretary & Treasurer.

SURVEY OF INDIA.

NOTIFICATIONS.

Simla, the 31st July 1882.

No. 288.—Lieutenant-Colonel H. C. B. Tanner, Deputy Superintendent, 3rd Grade, having commuted the privilege leave granted him in this Office Notification No. 264, dated the 15th March last, into furlough, the following temporary promotions are made in connection with the promotions and reversions which were announced in Notifications No. 279, dated 12th May 1882, No. 281, dated 16th May 1882, No. 283, dated 28th June 1882, No. 284, dated 3rd July 1882, and No. 285, dated 10th July 1882:—

Mr. W. H. Cole, M.A., Assistant Superintendent, 1st Grade, to officiate as Deputy Superintendent, 3rd Grade, from the 19th to the 23rd April 1882, both days inclusive, and from the 15th May until further orders.

Mr. H. B. Talbot, Assistant Superintendent, 1st Grade, to officiate as Deputy Superintendent, 3rd Grade, from the 24th April to the 14th May 1882, both dates inclusive.

Mr. E. C. Ryall, Assistant Superintendent, 3rd Grade, to officiate as Assistant Superintendent, 1st Grade, from the 9th to the 16th June 1882, both dates inclusive.

Captain J. R. Hobday, Assistant Superintendent, 3rd Grade, to officiate as Assistant Superin-

tendent, 1st Grade, from the 19th to the 23rd April and from the 15th May to the 8th June 1882, all dates inclusive.

Captain G. W. Martin, Assistant Superintendent, 3rd Grade, to officiate as Assistant Superintendent, 1st Grade, with effect from the afternoon of the 16th June 1882.

Lieutenant the Hon'ble M. G. Talbot, R.E., Assistant Superintendent, 3rd Grade, to officiate as Assistant Superintendent, 1st Grade, from the 24th April to the 14th May 1882, both dates inclusive.

No. 289.—Mr. E. C. Barret, Assistant Superintendent, 2nd Grade, having returned from furlough is appointed to officiate as Assistant Superintendent, 1st Grade, with effect from the forenoon of the 24th July 1882.

No. 290.—The following reversion takes effect from the same date:—

Captain G. W. Martin, Officiating Assistant Superintendent, 1st Grade, to revert to his officiating appointment of Assistant Superintendent, 2nd Grade.

J. T. WALKER, *Lieut.-Genl., R.E.,*
Surveyor General of India.

TELEGRAPH DEPARTMENT.

NOTIFICATION.

Calcutta, the 4th August 1882.

No. 15.—Mr. C. E. Horsley, an Assistant Superintendent of the 1st Grade, is allowed furlough for two years, under Section 49 of the Civil Leave Code, with effect from the forenoon of the 14th July 1882.

R. MURRAY, *Colonel,*
Director General of Telegraphs in India.

SURGEON-GENERAL WITH THE GOVERNMENT OF INDIA.

NOTIFICATIONS.

Simla, the 3rd July 1882.

No. 35.—Third Grade Assistant Surgeon Gokul Chundra Bhaduri, of the supernumerary list, is permitted to resign the service.

The 11th July 1882.

No. 36.—The services of the undermentioned Hospital Assistants of the military establishment are permanently placed at the disposal of the Agent, Governor General, for Rajputana:—

1st Class, No. 23, Munram Sing.
2nd „ „ 105, Rungbeer Nagorecote.
2nd „ „ 116, Abdool Rohim.
3rd „ „ 205, Ashgur Alee Khan.
3rd „ „ 298, Mahumed Aly Khan.

No. 37.—The services of the undermentioned Hospital Assistants of the military establishment are placed permanently at the disposal of the Chief Commissioner of the Central Provinces:—

3rd Class, No. 190, Unwar Ali.
„ „ 200, Bhondo Lal.
„ „ 202, Hushmat Ally.
„ „ 272, Abid Hussen.
„ „ 273, Emam Khan.

The 12th July 1882.

No. 38.—The services of the undermentioned Hospital Assistants of the military establishment are placed permanently at the disposal of the Government, North-Western Provinces and Oudh:—

1st Class, No. 40, Thakoor Dass.
2nd Class, No. 153, Ram Churn.

J. M. CUNINGHAM, M.D.,
Surgeon-General with the Govt. of India.

AGENT, GOVERNOR GENERAL, FOR CENTRAL INDIA.

NOTIFICATION.

Indore Residency, the 26th July 1882.

No. 1537.—Captain and Brevet Lieutenant-Colonel H. M. Buller, Commandant, 1st Regiment, Central India Horse, and Political Assistant, Goona, is granted sixty days' privilege leave from the 15th August to 14th October 1882, or such subsequent date as he may avail himself of the same.

By Order,
J. BURNE,
2nd Asst. Agent, Govr. Genl., for Central India.

AGENT, GOVERNOR GENERAL, FOR RAJPUTANA.

NOTIFICATION.

Mount Abu, the 29th July 1882.

No. 2170 G.—Major G. L. K. Hewett, Commandant, Erinpura Irregular Force, returned to duty on the 23rd July 1882, from the privilege leave granted him in this Office Notification No. 740 G., dated 28th March 1882.

By Order,
E. A. FRASER,
1st Asst. Agent to the Govr. Genl.

CHIEF COMMISSIONER OF AJMIR-MERWARA.

NOTIFICATIONS.

Mount Abu, the 24th July 1882.

No. 522.—Mr. W. R. Lawrence, C.S., and Mr. J. R. Fitzgerald, C.S., respectively, delivered over and received charge of the Office of Assistant Commissioner, Ajmir, on the forenoon of the 7th July 1882.

The 28th July 1882.

No. 542.—CORRIGENDA.—In Rule VI of the Rules for the custody and sale of paper to be used for judicial petitions in the Ajmir-Merwara District, published at page 366 of the *Gazette of India*, Part II, dated 14th May 1881, for the words "shall be credited in the treasury accounts to a distinct sub-head under 'Stationery and Printing,'" *read* "shall be credited in the treasury accounts *under head X, Stamps.*"

No. 549.—Munshi Chuttan Lal and Rai Bishen Sarup, respectively, made over and received charge of the office of Deputy Magistrate, Kekri, on the forenoon of the 12th July 1882.

No. 554.—Surgeon J. Crofts and Surgeon-Major J. H. Newman, respectively, made over and received charge of the office of Civil Surgeon and Superintendent of Jail, Ajmir, on the forenoon of the 9th July 1882.

The 29th July 1882.

No. 569.—Rae Bishen Sarup and Mr. W. R. Lawrence, C.S., respectively, made over and received charge of the Office of Assistant Commissioner, Merwara, on the forenoon of the 7th July 1882.

By Order,

A. P. THORNTON,

for 1st Asst. to the Chief Commr.

CHIEF COMMISSIONER OF COORG.

PROCLAMATION.

Bangalore, the 25th July 1882.

The land specified in the undermentioned Schedule having been sold by public auction under Regulation III of 1880, being an Act for the recovery of arrears of revenue in the Province of Coorg, it is hereby declared, under Section 39 of the said Regulation, that all the rights and property of the former land-holder in the said land are lawfully transferred to the purchaser named in the said Schedule :—

SCHEDULE.

Name of former holder.	Name of Estate.	Situation of the land and description of buildings, if any.				Extent.		Name of purchaser.	Date of purchase.
		Taluk.	Nad.	Village.	Buildings, if any.	Survey No.	Acres.		
Pale Medu ...	Paudotti Kadu	Padinalknad	Padinalknad	Peruru ...	None ...	3118	0·72	Karavandra Nanjappa.	21st Mar. 1882.

W. HILL,

Commissioner.

By Order,

H. WYLIE, *Major,*

Secretary to the Chief Commr. of Coorg.

RESIDENT IN MYSORE.

NOTIFICATION.

Bangalore, the 22nd July 1882.

Declaration under Section 6 of Act X of 1870.

The undermentioned land is required for a public purpose by Government, *viz.*, for the extension of the waste weir of the Dumloor tank :—

The land needed measures 1,082 square yards and 7 square feet, and is part of Survey No. 4 (a dry field) of the Dumloor village in the Civil and Military Station of Bangalore, which whole number measures 2 acres 18 g. and is assessed at 6½ rupees.

This Survey No. stands in the Revenue Accounts in the name of Narayanasawmy Moodliar, and is leased by him to Mahratta Ramannah.

The part required is on the east side of the field and adjoins the bed of the Dumloor tank.

A plan of the land has been made and can be inspected at the District Magistrate's Court.

By Order,

H. WYLIE,

Asst. to the Resident.

DIRECTOR GENERAL OF RAILWAYS.

NOTIFICATION.—ESTABLISHMENT.

Simla, the 27th July 1882.

No. 47.—Mr. W. J. Chamberlain, District Traffic Superintendent, Punjab Northern State Railway, will carry on the duties of Traffic Superintendent, Punjab Northern State Railway, in addition to his own, during the absence on privilege leave of the Traffic Superintendent, Mr. P. D. Barclay.

F. S. STANTON, *Col., R.E.,*

Director General of Railways.

CALCUTTA UNIVERSITY.

NOTICE.

The University Examinations in Arts of 1882-83 will be held on the undermentioned dates :—

Entrance Examination and First Examination in Arts on Monday, the 27th November, and following days.

B. A. Examination on Monday, the 1st January, and following days.

Applications from candidates for admission to the Entrance and First Arts Examinations must be lodged with the Registrar before the 27th October.

Applications from candidates for admission to the B. A. Examination must be lodged with the Registrar before the 1st December.

All candidates from the same institution must appear at one and the same place of examination.

By order of the Vice-Chancellor,

G. BELLETT,

Registrar.

SENATE HOUSE,

The 19th July 1882.

STATEMENT of Government Promissory Notes enfaced for payment of Interest in London, under deduction of amount re-transferred to India, and outstanding in the Books of the Bank of Bengal on the 31st July 1882.

PARTICULARS.	3½ per cent. Transfer Loan of 1853-54.	4 per cent. Loans									4½ per cent. Loans				Transfer Loan of 1879, seven shillings per cent Portion.	5 per cent Debenture Loan of 1867-68	5 per cent Loan of 1856-57.	GRAND TOTAL.
		Of 1824-25	Of 1832-33	Of 1835-36.	Of 1842-43.	Of 1854-55.	Transfer of 1865	Reduced 4 per cent. Loan of 1879.	Reduced 4 per cent. Loan of 1881.	TOTAL.	Of 1870.	Of 1878.	Transfer Loan of 1879, 4½ per cent. Portion.	TOTAL.				
Balance of 15th July 1882	54,100		13,15,520	31,36,800	2,29,45,400	1,04,82,500	2,84,30,037	2,96,50,800	6,000	9,49,67,057	47,85,900	1,07,19,400	10,02,45,000	11,57,50,300	1,26,500	1,08,000	60,200	21,10,66,157
Add—																		
Amount enfaced at Madras between 16th and 31st July 1882	...	...	...	...	3,000	...	1,000	...	...	4,000	...	...	..	...	...	...	...	4,000
Amount enfaced at Bombay between 16th and 31st July 1882	...	...	...	..	63,500	...	7,000	..	...	70,500	...	60,800	1,42,200	2,03,000	...	...	..	2,73,500
Amount enfaced at Calcutta between 16th and 31st July 1882	...	...	...	...	2,500	2,000	14,000	...	...	18,500	...	5,500	1,03,000	1,08,500	...	..	..	1,27,000
	54,100	...	13,15,520	31,36,800	2,30,14,400	1,04,84,500	2,84,52,037	2,96,50,800	6,000	9,50,60,057	47,85,900	1,07,85,700	10,04,90,200	11,60,61,800	1,26,500	1,08,000	60,200	21,14,70,657
Deduct—																		
Amount written off in the London Registers	...	..	...	35,500	2,33,500	12,000	3,42,500	1,44,900	...	7,68,400	1,000	5,000	7,000	13,000	...	2,000	...	7,83,400
Balance on 31st July 1882	54,100	...	13,15,520	31,01,300	2,27,80,900	1,04,72,500	2,81,09,537	2,95,05,900	6,000	9,42,91,657	47,84,900	1,07,80,700	10,04,83,200	11,60,48,800	1,26,500	1,06,000	60,200	21,06,97,257

NOTE.—From 9th June 1867 to 31st May 1882, enfaced from India 4,588 lakhs; re-transferred from London, 3,809 lakhs.
" 1st June 1882 to 15th June " " " 31 " " " 44 "
" 16th " " to 30th " " " " 9 " " " 18 "
" 1st July " to 15th July " " " 6 " " " 5 "
" 16th " " to 31st " " " " 3 " " " 7 "

4,637 lakhs. 3,883 lakhs.
3,883 "

Balance against India 754 lakhs.

PUBLIC DEBT OFFICE,
BANK OF BENGAL;
Calcutta, the 2nd August 1882.

W. D. CRUICKSHANK,
Offg. Secretary and Treasurer.

NEEMUCH CEMETERY.

Repairs of Monuments.

Notice is hereby given that those monuments in the Government Cemetery at Neemuch, Central India, of which a list is published herewith, are in need of repairs. Those of Sergeant Henry Seal and Trumpeter J. Britton are in a ruinous condition, and will be made level with the ground unless, within three months from the publication of this Notice, some person will undertake the cost of their repairs.

DESCRIPTION.	Corps.	Date.
Daughter of Captain Greenwood	33rd Regiment.	1866
Lieutenant-Colonel Robinson	Political Agent, Meywar	1850
Wife of Major Walter	3rd European Cavalry	1850
Charles Permien	Apothecary	1846
Quarter-Master Sergeant Best	39th Begiment, Native Infantry	1836
Augustus F. Roderick	... .	1836
Wife of Sergeant Lowe	Bombay Artillery	1862
Wife and Son of Captain Beamish	Royal Artillery	1843
Wife of Captain Stewart	61st Regiment, Native Infantry	1833
Wife of Lieutenant Hutton	37th Regiment, Native Infantry	1834
Colonel James Robertson	46th Regiment, Native Infantry	1834
Ensign Edwards	28th Regiment, Native Infantry	1835
Colonel Stiles	Commandant	1862
Son of Colonel Carmichael	94th Regiment.	1864
Wife of Woolmore Mitchell	.....	1836
Lieutenant Bishop	62nd Regiment, Native Infantry	1841
Daughter of Captain Hunter	2nd Bombay Light Cavalry	1860
Son of Lieutenant Duffin	7th Bengal Light Cavalry	1823
Daughter of Captain Duffin	Ditto	1823
Daughter of Lieutenant-Colonel Duffin	Ditto	1834
Son of Assistant Surgeon Downes	.....	1834
Son of Quarter-Master Sergeant Morris	2nd Bombay Light Cavalry	1834
Daughter of John Pocock	46th Regiment, Native Infantry	1835
Wife, Son and Daughter of Major Gill	37th Regiment, Native Infantry	1835
Son of Sergeant-Major Grassby	.....	1840
Surgeon-Major Deas	2nd Bombay Light Cavalry	1862
Wife of Colonel Carmichael	94th Regiment.	1864
Sergeant-Major Perkins	45th Bengal Native Infantry	1833
Wife of Sergeant Herdon	.....	1834
Son of Riding-Master Bolton	2nd Bombay Light Cavalry	1835
Son of Lieutenant Nicholetts	.....	1835
Son of Lieutenant Nicholetts	.....	1837
Son of Major Wilkinson	.....	1835
Son and Daughter of Captain Rickards	.....	'47-48
Daughter of Major Sandeman	33rd Regiment, Native Infantry	1847
Captain Mackintosh	52nd Regiment, Native Infantry	1854
Brigade Colonel Stacy, C.B.	Aide-de-Camp to the Queen	1848
Daughter of Captain Anderson	59th Bengal Native Infantry	1843
Mrs. Henrietta Keir	.....	1844
Wife of Quarter-Master Sergeant Mellor	1st Bengal Light Cavalry	1857
Drum Major Swartz	23rd Regiment, Native Infantry	1835
Wife of Drum Major Pye	Ditto	1837
Assistant Surgeon Russell	4-1st Royal Horse Artillery	1837
Mary Scott	.....	1839
Daughter of Doctor Fogarty	.....	1845
Private Pym	95th Regiment.	1860
Private J. Williams	Ditto	1860
Daughter of Lieutenant Lowry	25th Bombay Native Infantry	1853
Son of Captain Sealy	.....	1850
Daughter of Lieutenant Bacon	.....	1851
Daughter of Drum Major Evans	51st Regiment, Native Infantry	1832
Wife of Captain Jeremie	5th Regiment, Native Infantry.	1824
Son of Captain Chambers	9th Bengal Light Cavalry	1830
Son of Major Gowan	Bengal Artillery	1834
Wife of George Pasley	(Barrister)	1832
Son of Quarter-Master Sergeant Mahon	51st Regiment, Native Infantry	1834
Wife of Sergeant-Major Cooper	30th Regiment, Native Infantry	1845
Private C. Donovan	95th Regiment.	1860
Son of J. Williams	.....	1860
Augustus Derevero	.....	1848

Repairs of Monuments—continued.

DESCRIPTION.	Corps.	Date.
E. Williams	.....	1852
Ensign Osborne, R.A.	Ordnance Department	1868
Daughter of Captain Moray	28th Regiment, Native Infantry	1868
Daughter of Major Forbes Robertson.	Ditto	1867
Roderick Peregrine Ochterlony	.....	1822
Lieutenant-Colonel Thomas	10th Bengal Native Infantry	1826
Daughter of Lieutenant Curtis	.....	1835
Wife and Daughter of Captain Doveton	.....	1835
S. Francis Birch	.....	1830
Anne Tilbury	.....	1831
Bazar Sergeant Miller	.....	1832
Captain Clifford	39th Regiment, Native Infantry	1837
Wife of Staff Sergeant Sullivan	2nd Brigade, R. H. A.	1844
Farrier Sergeant Davis	4-1st Brigade, R. H. A.	1841
Wife of H. Williams	.....	1843
Wife of J. Williams	.....	1846
R. H. O. S. Smith	.....	1844
Wife of Major Mercer	70th Regiment, Native Infantry	1846
C. Mary Hogan.	.....	1860
Daughter of Lieutenant-Colonel Kennedy	5th Regiment, Light Cavalry	1827
Surgeon Smith	42nd Regiment, Native Infantry	1830
Son and Daughter of Lieutenant Hawtrey	4th Bengal Light Cavalry	1821
Two Sons of Captain Hawtrey	Ditto	1821
Daughter of B. S. Desa	Commissariat Department	1860
Wife of B. S. Desa	Ditto	1859
Son of Lieutenant Landon Jones	2-2nd Native Infantry	1820
Wife and Sons of Sergeant-Major Groves	1-1st Native Infantry	1819
Daughter of Lieutenant Lewes	.....	1823
Daughter of Lieutenant Lewes	.....	1827
Daughter of Lieutenant Campbell	45th Regiment, Native Infantry	1830
Wife and Daughter of Lieutenant Jervis	42nd Regiment, Native Infantry	1830
Wife and Son of Lieutenant Burns	.....	1821
Farrier Major Ranger	1st Lancers	1852
Assistant Surgeon Dunlop.	Bengal Medical Establishment	1829
Wife of Drill Sergeant Tighe	21st Brigade, Royal Artillery	1863
Wife of Hospital Assistant Desantos	.....	1854
Trumpeter J. Britton.	.....	1854
Wife of Private J. Sullivan	95th Regiment.	1860
Wife and Children of Sergeant Supple	Bengal Artillery	1857
Son of Sergeant Core	Kotah Contingent	1857
Wife of Color-Sergeant Beckett.	33rd Regiment.	1866
Private Cornelius Mucahy	95th Regiment.	1859
Drummer J. Harris	63rd Regiment, Native Infantry	1847
Son of Captain Scott.	1st Regiment, Light Cavalry	1838
Amy Campbell	.....	1838
Son of Assistant Apothecary deSilva	.....	1855
Daughter of Line Sergeant Ryan	.....	1855
Son and Daughter of Barrack Master Tofft	Department Public Works	1859
Son of Quarter-Master Sergeant Lambert	95th Regiment	1859
Daughter of Color Sergeant Reid	Ditto	1859
Charles Henry Steers	.....	1859
Sergeant John Connell	95th Regiment.	1859
Wife of Private Dempsey	Ditto	1858
Son of J. Chowdrie	Ditto	1860
Corporal Joseph Geary	Ditto	1860
Wife of Sergeant H. Seal	Ditto	1859
Sergeant H Seal	Ditto	1860
Wife of Assistant Surgeon Scott	8th Hussars	1860
Wife of Lieutenant Waterfall	95th Regiment.	1859
Wife of Sergeant Merriman	Ditto	1860
Son of Sergeant Casey	.....	1863
Wife of Private Harris	33rd Regiment.	1866
Son of G. B. Crispin	.....	1869
Son of John Boyle	Ordnance Department	1867
Son and Daughter of John Boyle	Ditto	'63-65
Assistant Apothecary Santos	D-18th Royal Artillery	1873

Repairs of Monuments—continued.

DESCRIPTION.	Corps.	Date.
Daughter of Sergeant Sharman	D-18th, Royal Artillery	1873
Daughter of Sergeant Sharman	Ditto	1867
Daughter of Assistant Apothecary Guest	Bombay Sub-Medl. Department	1870
Bugler d'Souza	28th Regiment, Native Infantry	1869
Trumpeter T. Lawrence	2nd Bombay Light Cavalry	1869
Daughter of Duffedar d'Souza	3rd Bombay Light Cavalry	1872
Son of Duffedar d'Souza	Ditto	1873
Son of M. Dowling	Department Public Works.	18—
Son of Sergeant Callanan	D-18th, Royal Artillery	1862
Three Children of Sergeant Shephard	Ditto	'62-65
Son of Private Fitzgerald	103rd Bombay Fusiliers	1864
Sergeant Boyd	D-18th, Royal Artillery	1865
Wife and Son of Sergeant Johnston	96th Regiment	1868
Son of Sergeant Francis	Ditto	1868
Wife of Gunner Brand	E-4th, Royal Artillery	1876
Mother of J. and F. Quaill	2nd Light Cavalry	1862
Wife of Subedar Cousins	Ditto	1862
Wife of Sergeant Tilbury	45th Regiment.	1865
Daughter of C. Greaney	4-21st, Royal Artillery	1862
S. M. Trewen	.....	1874
Reverend Father Innocent.	Ecclesiastical Department.	1875
Wife of Patrick Byrne	108th Regiment	1875
Son of Private Salter.	E-40th, Royal Artillery	1876
Son of Mr. d'Souza	Commissariat Department.	1861
Son of Farrier Major Marks	2nd Bombay Light Cavalry	1862
Daughter of Farrier Major Marks	Ditto	1862
Elizabeth Hannon	.....	1862
Wife of Patrick Walsh	Bombay Ordnance Department.	1874
Son of T. Chambers	103rd Bombay Fusiliers	1864
Son of A. Wood	33rd Regiment.	1866
Son and Daughter of Sergeant-Major Whitty	.....	...
Quarter-Master Sergeant Barratt	D-18th, Royal Artillery	1874
Daughter of Quarter-Master Sergeant Barratt	Ditto	1872
Daughter of Quarter-Master Sergeant Barratt	Ditto	1873
Son of Bazar Sergeant Heywood	.....	1873
Son of Private Perrin	F-18th, Royal Artillery	1867
Daughter of H. Rainbow	Ordnance Department	1872
Daughter of Private Nicholson	108th Regiment	1874
Overseer G. Lee	Department Public Works.	1869
Sergeant J. McIntyre	F-18th, Royal Artillery	1866
Daughter of Color Sergeant Turner	95th Regiment.	1860
A. D. Rodd	2nd Light Cavalry	1860
Daughter of Sergeant Brown	Royal Artillery.	1861
W. Elliott.	14th Dragoons.	1861
Three Children of H. Beadon Jackson.	Department Public Works.	'65-67
Wife of Gunner Pritchard	D-18th, Royal Artillery	1864
Wife of Private Hill	45th Regiment.	1864
Wife of Sub-Conductor Adams	Bombay Commissariat Dept.	1869
Quarter-Master Sergeant Simpson	D-18th, Royal Artillery	1863
Son of J. Armstrong.	33rd Regiment.	1866
Wife of Gunner Gregory	F-18th, Royal Artillery	1869
Son and Daughter of C. Dunning	Ditto	1869
Son of Surgeon Odell.	96th Regiment.	1867
Daughter of Joseph Oddy	F-18th, Royal Artillery	1868
Daughter of Gunner Morrison	D-18th, Royal Artillery	1871
Daughter of T. Crampton	59th Regiment	1872
Trumpet Major d'Souza	3rd Bombay Light Cavalry	1875
Private McGwigen	95th Regiment.	1860
Private J. Bourke	Ditto	1860
Private J. Hearty	Ditto	1860
Barrack Master George	Department Public Works.	1866
Daughter of Barrack Master George	Ditto	1864
Three Children of Sergeant-Major Lucroft	103rd Bombay Fusiliers	'59-64
Corporal J. Wigley	6-13th, Royal Artillery	1861
Wife of Barrack Sergeant Wright	Department Public Works.	1861
Wife of James O'Neil	Bombay Medical Establishment.	1861

Repairs of Monuments—concluded.

DESCRIPTION.	Corps.	Date.
Wife of Sergeant Maggridge	F-18th, Royal Artillery	1869
Daughter of Private Curren	106th Regiment	1862
Daughter of Captain Wintle	71st Regiment, Native Infantry	1839
Leslie Copland	Civil Service	1861
Two Sons of Sergeant-Major Smart	61st Regiment, Native Infantry	'33-34
M. A. Ewart	.....	1839
Daughter of Sergeant Barren	.....	1861
W. ——ssell	.....	1852
Private J. Hogan	103rd Bombay Fusiliers	1864
Daughter of J. Dempsey	.....	1867
Daughter of Sub-Conductor Walsh	Commissariat Department.	1867
Sergeant Holland	Ordnance Department	1865
Private J. Barry	68th Regiment.	1878

G. H. LEWIS,
Chaplain of Neemuch.

NEEMUCH,
The 30th June 1882.

Statement of the Affairs of the Bank of Bengal for the week ending 1st August 1882.

LIABILITIES.		Rs.	A.	P.
Capital paid-up		2,00,00,000	0	0
Reserve Fund		33,11,886	4	4
	Rs. A. P.			
Public Deposits at Head Office	83,69,615 5 1	2,89,19,075	7	4
Public Deposits at Branches	2,05,49,460 2 3			
Other Deposits at Head Office and Branches		2,55,01,701	11	4
Bank Post Bills, &c.		4,83,285	8	11
Sundries		9,47,702	2	9
RUPEES		7,91,63,651	2	8

ASSETS.		Rs	A.	P.
Government Securities		87,19,297	0	0
Other authorized Investments		45,69,915	0	0
Loans on Government and other authorized Securities		56,14,045	6	2
Accounts of Credit on Government and other authorized Securities		34,32,981	15	6
Bills discounted and purchased		2,50,92,745	10	9
Balances with other Banks		2,91,840	10	0
Bullion		3,75,874	12	5
Dead Stock		11,87,812	3	2
Stamps		8,436	11	0
Sundries		6,87,363	10	4
		4,99,80,312	15	4
	Rs. A. P.			
Cash and Currency Notes at Head Office	82,52,273 8 6	2,91,83,338	3	4
Cash and Currency Notes at Branches	2,09,31,064 10 10			
RUPEES		7,91,63,651	2	8

By order of the Directors,

BANK OF BENGAL,
Calcutta, 3rd August 1882.

J. GORDON,
Chief Acctt. & Depy. Secretary.

W. D. CRUICKSHANK,
Offg. Secy. & Treasurer.

Weekly Statement of Silver tendered, of Certificates issued, and Silver Balance in the Mint.

DATE.	SILVER TENDERED, ESTIMATED VALUE.	CERTIFICATES ISSUED ON		BALANCE OF BULLION		
		General Treasury.	Currency Department.	Under Assay.	Assayed.	Held on account of the Currency Department.
1882.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
July 24	...	1,18,063	...	2,125	40,48,463	16,92,230
" 25	...	1,16,680	2,039	40	48,53,207	15,77,919
" 26	...	1,05,360	...	40	47,57,171	14,74,280
" 27	.	93,194	...	40	46,63,840	13,83,228
" 28	...	99,629	...	40	45,63,501	12,82,408
" 29	....	32,539	...	40	44,63,723	12,49,387

CALCUTTA MINT,
The 31st July 1882.

J. F. TENNANT, *Col., R.E.,*
Mint Master.

CURRENCY NOTES.

The following Currency Notes of the Government of India are stated to have been lost, and payment of their value has been claimed by the persons whose names are placed against the numbers. Any other person having these Notes in his possession, or claiming a right to them, is warned to communicate at once with the undersigned :—

Allahabad Circle.

NOTE WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Note.	Value. Rs.	Name of Claimant.
106	... D 18—28823 ...	100	Ram Chunder Rao, Rawalpindi.

ALLAHABAD,
The 2nd August 1882.

GODREZJEE D. PUDUMJEE, *A. A. G.,*
In charge of Paper Currency Office.

Calcutta Circle.

NOTES WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Notes.	Value.	Name of Claimant.
		Rs.	
96 ...	O 96—05110 ...	100	Baboo Hurry Das Chowdhury.
	O 65—43032 ...	50	
	" —43035 ...	50	

CALCUTTA,
The 4th August 1882.

J. TAYLOR,
Asst. Comptlr. Genl., Paper Currency.

Report of a Deserter from the 2nd Battalion, Royal Warwickshire Regiment of Foot, dated at Fort William, Calcutta, this 29th day of July 1882.

Number, Rank, and Name,—No. 2426, Private John Peckham.

Age,—23 years 4 months.

Size,—5 feet 4 inches.

Colour of—
Complexion, fresh; Hair, brown; Eyes, grey

Parish and County in which Born,—Newington, London, Surrey.

Marks,—

Trade,—Musician (Clarionet).

Coat or Jacket,— } Regimental white clothing.
Waistcoat,— ...
Breeches or Trowsers,— ...

Date of Desertion,—25th July 1882.

Place of Desertion,—Fort William, Calcutta.

Date of Enlistment,—7th May 1873.

Place of Enlistment,—Westminster.

REMARKS,—Walks slightly bow legged.

Under 9 years' service.

L. B. HOLE, *Lieut.-Col.,*
Comdg. 2nd Battn., Rl. Warwickshire Regt. of Foot.

POST OFFICE.

NOTIFICATIONS.

Simla, the 26th July 1882.

No. 4469.—Mr. J. Dillon, Comptroller, Post Office, has been granted privilege leave for three months, with effect from the 19th July 1882.

The 28th July 1882.

No. 4555.—Appointment in the Post Office Department made by the Director General of the Post Office of India:—

Babu Wooma Churn Doss is appointed to officiate as Assistant Comptroller, Post Office.

E. R. DOUGLAS,
Depy. Dir. Genl. of the Post Office of India.

Unclaimed Letters held in the Calcutta General Post Office on 30th July 1882.

Campbell, Major A. D.
Fletcher, Mrs.
Mellich Meiravel.
Pike, M.
Traiche, Miss.

Letters marked "Care of Post Office."

Antonio, D.
A. Z.
Bailey, J. R.
Bancher, H. B.
Borcavetz, Abraham.
Blessley, C.
Bookman, C.
Bose, K. B.
C. B. & Co.
Cahill, G.
Concannon, J.
Cornelius, Mrs. M. E.
Corneiling, E.
Cresswell, G. W.
Crow, Mrs. Eliza.
Davies, W. R.
Davis, P.
Dino Nath Mullick.
Dodds, F. L.
Driscoll, D. O.
Everson, Thomas R.
Fargulene, A.
G. L.
Garangor, George.
Giris Chunder Turufdar.
Green, R. H.
Hankivez, C.
Hartley, S. R.
Harvey, Sir Charles.
Herbert, Mrs. R.
Hobson, W. A.
Howard, Percy.
Hunt, T. O.
James, E.
Kanai Lall Seal.
Kegel, F. G. M.
Kennedy, R. H.
Kennet, C. A.
Kruger, Mrs. G.
Lissant, S. H.
Mackenzie, H. W. K.
"Marah."
Markham, Mrs. M.
Massy, J.
McClilian.
McIntyre, J.
McKnight, James.
McReynolds, John.
Mill, Wm. F.
Morrison, D. J.
"May."
Munro, W.
Orinstein, Signiori Scapria.
Percivale, E.
Pereira, E. S. B.
Procter, W.
Purchas, F. W.
Radcliffe, J.
Rex, Miss.
Rhodes, D.
Richards and Howley, Messrs.
Roberts, E.
Rook, Mr.
Shanto Chunder Bose.
Span, J. M.
Stevens, Mrs. R. G. H.V.
Stobie, Lt. J. C.
Strachan, E.
Strongs, W. S.
Tipper, Alex. Earnest Gore.
Traiche, Miss E.
Vincent, Joseph.
Warnier, M.
Wright, Mrs. H.
W. S. G.

Registered Letters.

Bunn, J.
Cunningham, Miss.
" E. D."
Gleeson, Y. M. T.
Howard, E.
Peters, Mrs. D.
Smith, W. R.
Wilkie, Jos.

SEA AND FOREIGN MAILS.

Calcutta, the 4th August 1882.

Foreign Mails for	Date.	Per steamer
	1882.	
Persian Gulf	11th Aug.	From Bombay.
Madras, Ceylon and Intermediate Ports	10th "	Str. *Africa.*
Colombo, Penang, Singapore, Hong-Kong, Shanghai, Yokohama and Australian Colonies	8th "	From Bombay.
Foreign Mails *vid* Bombay	12th "	From Bombay.*
Do. Book Post and Pattern Packets .	11th "	From Bombay.
Rangoon, Moulmein, and Straits . . .	9th "	Str. *Arabia.*†
Chittagong, Akyab, Kyouk Phyoo, and Rangoon	10th "	Str. *Commilla.*
Madras, Ceylon, Batavia, Singapore, and China	14th "	French Str. *Tibre.*

* Also for Cape Town and Natal *vid* England, also *vid* Aden for Zanzibar, Mozambique, and Delagoa Bay can be forwarded.
† Mail for Port Blair can be forwarded by this opportunity.

N.B.—The letter-box will close at 7 P. M. precisely; after which hour foreign letters, fully prepaid and bearing an extra postage stamp of four (4) annas on each cover, will be received up to 7-30 P. M.

E. HUTTON,
Presidency Post Master.

GOVERNMENT CINCHONA FEBRIFUGE.

This preparation is an efficient substitute for Quinine and can be purchased by Government officers for public and charitable purposes, and by any one taking *twenty pounds* at a time, from the Superintendent, Botanical Garden, Calcutta, *for cash only*, at the following rates:—per four ounce tin, *Rs. 4-8;* per eight ounce tin, *Rs. 8-8;* per pound tin, *Rs. 16-8.* The general public can be supplied by the Superintendent, Botanical Garden, *for cash only*, at the under-noted rates:—per four ounce tin *Rs. 5-8;* per eight ounce tin *Rs. 10-8;* per pound tin, *Rs. 20.* This medicine is also sold by the principal European and Native druggists in Calcutta. Postage 8 annas per four and eight ounce tins, and 12 annas per pound tin, in addition to the foregoing rates.

گورنمنٹ سنکونا فبري فيوج

يهه دوا كوئينائين كا خوب قائم مقام هى اور كلكته ے
بوٹانكل گارڈن يعنے كمپني باغ ے سپرنٹنڈنٹ صاحب سے هرايك
ملازم سركاري واسطے سركاري كام اور خيرات ے اور سيواے
اوسكے جو كوئي ايك مشت بيس پونڈ خريد ليے سے نقيمت
نقد حسب نرخ ذيل خريد كرسكتے هين يعنے نرخ چار اونس
ے ٹين كا چار روپيه آٹهه آنه ; آٹهه اونس ے ٹين كا آٹهه روپيه
آٹهه آنه ; ايك پونڈ ے ٹين كا سوله روپيه آٹهه آنه

اور عوام الناس بوٹانكل گارڈن يعنے كمپني باغ ے
سپرنٹنڈنٹ صاحب سے نقيمت نقد حسب نرخ ذيل خريد
كرسكتے هين يعنے نرخ چار اونس ٹين كا پانچ روپيه آٹهه آنه ;
آٹهه اونس ے ٹين كا دس روپيه آٹهه آنه ; ايك پونڈ ے ٹين
كا بيس روپيه

يهه دوا كلكته ے بڑے بڑے ولايتي اور ديسي
دواخانونمين بكتي هى ماسيواے نيمت مذكورۂ بالا ے
محصول ڈاك چار اور آٹهه اونس ے ٹين كا آٹهه آنه ; اور ايك
پونڈ ے ٹين كا بارہ آنه

Meteorological Publications for Sale.

The following publications of the Meteorological Office of the Government of India are on sale and can be procured at the Meteorological Office, No. 4, Middleton Row, or either at Messrs. Thacker, Spink & Co., or at Messrs. Brown & Co., at the prices noted against them :—

	Rs.	A.	P.
Report on the Meteorology of India, in 1875, 4to., 89 pages text, 297 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India, in 1876, 4to., 97 pages text, 340 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India in 1877, 4to., 173 pages text, 375 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India, in 1878, 4to., 149 pages text, 380 pages tables, 3 plates, 4 charts ...	8	0	0
Indian Meteorological Memoirs, Vol. I, Part I, 4to., 118 pages, 9 plates	2	8	0
Indian Meteorological Memoirs, Vol. I, Part II, 4to., 63 pages, 4 plates	1	8	0
Indian Meteorological Memoirs, Vol. I, Part III, 4to., 86 pages, 2 plates	1	8	0
Indian Meteorological Memoirs, Vol. I, Part IV, 4to., 62 pages, 8 plates	1	8	0
Rainfall Chart of India, showing the average annual distribution of rainfall (in colors)	1	0	0
Report on the Vizagapatam and Backergunge Cyclones, October 1876, 4to., 87 pages, 4 plates ...	2	0	0
Report on the Madras Cyclone, May 1877, 4to., 117 pages text, 97 pages tables, 5 plates ...	2	8	0

HENRY F. BLANFORD,
Meteorological Reporter to Government of India.

THE INDIAN LAW REPORTS.

PUBLISHED UNDER AUTHORITY.

The "Indian Law Reports," published under the authority of the Governor General in Council, will appear in monthly parts, published as soon as possible after the first of each month at Calcutta, Madras, Bombay, and Allahabad, and will comprise four series,—one for the Calcutta High Court, a second for the Madras High Court, a third for the Bombay High Court, and a fourth for the Allahabad High Court. The cases heard by the Privy Council on appeal from each High Court will be reported in the Series for that High Court. Cases heard by the Privy Council on appeal from Provinces in India not subject to any High Court will be reported in the Calcutt Series. The Parts of each Series can be had separately, or all four Parts can be had stitched into one wrapper at the option of subscribers and purchasers. It will be observed from the following statement of the terms of subscription and sale, that a considerable reduction is allowed to persons taking the complete set :

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MESSRS. HIGGINBOTHAM AND CO., MADRAS;
THE GOVERNMENT CENTRAL BOOK DEPOT, BOMBAY;
THE GOVERNMENT BOOK DEPOT, ALLAHABAD.

Orders and Subscriptions for 1878 should be at once remitted.

THE BENGAL LAW REPORTS.

A few sets of the Bengal Law Reports (Volumes 1 to 15) are available at Messrs. Thacker, Spink & Co., Calcutta, at Rs. 375 a set.

List of Books for sale at the iLbrary of the Asiatic Society of Bengal,

NO. 57, PARK STREET, CALCUTTA,

AND OBTAINABLE FROM THE SOCIETY'S LONDON AGENTS, MESSRS. TRÜBNER & CO., 57 AND 59, LUDGATE HILL, LONDON, E. C.

BIBLIOTHECA INDICA.

New Publication.

	Rs.	A.
Beale's Oriental Biographical Dictionary, pages 291, 4to, thick paper, at Rs. 4-12, thin paper...	4	8

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„ 23. Reported Shoal, North-West of Cheduba Island.
„ 24. Exhibition of blue Lights and Maroons at Krishna Shoal Light-vessel.
„ 25. Deposit of stone, eastward of Harbour Works, Madras (additional information).
„ 26. Vessels prohibited from anchoring near the Sub-marine Telegraph Cable between Diamond Island and the mainland.
„ 27. Intended exhibition of a revolving Light at Vakalapudi, in the Godavery District.

Notices to Mariners issued during the year 1879—

No. 1. Permanent moorings for Eastern Channel Light-vessel entrance to Hooghly River.
„ 2. Sunken danger in Mergui Archipelago.
„ 3. Revolving Light at Vacalapudi in the Godavery District.
„ 4. Intended alteration in False Point Light.
„ 5. Shifting of the entrances to Honore (Honawar) and Mangalore, on the Malabar Coast.
„ 6. Fixed Light at Roji (Nowa Nugga) in the Gulf of Cutch.
„ 7. Fixed Light at the entrance to Toona Creek in the Gulf of Cutch.
„ 8. Fixed Light at Goapnath Point in the Gulf of Cambay.
„ 9. Wreck-marking vessels.

No. 10. The alteration in the position and improvement of Pooree Port Light.
„ 11. Shoal coral ground in Strait of Banka.
„ 12. Delagoa Bay. Removal of Cockburn Light-vessel in bad weather.
„ 13. (1) Alteration in position of Beacons and Leading Lights—Burnett River Entrance, Australia.
(2) Fixed Light on Flat-top Islet—Pioneer River—Rocky Islets.
(3) Revolving Light on Low Isles—Trinity Bay.
(4) Leading Lights at Cook Town—Endeavour River Entrance—Cook Harbour.
„ 14. Sunken dangers between Alguada Reefs and Diamond Island—Bay of Bengal.
„ 15. Flashing white Light on Puysegur Point—New Zealand.
„ 16. Dangerous rocks, N. N. W. and S. E. of the southernmost of the Brothers Islands—Andaman Islands.
„ 17. Australia—South Coast—Gulf of St. Vincent.
(1) Prohibited anchorage near Telegraph Cable, Port Phillip.
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(3) Fixed and Flashing Light on North Reef.
„ 18. Longitude of the Time Ball, Calcutta, and of Saugor Light-house, River Hooghly.
„ 19. (1) Discontinuance of additional Light at Fourth Point—Sunda Strait—Java.
(2) Shoal in the Fairway to Batavia Road.
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„ 20. (1) Shoal ground westward of Durnford Point—South Coast of Africa.
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„ 21. Buoys off Karwar Harbour (Sadashigar).
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„ 25. Alteration of False Point Light—Coast of Orissa.
„ 26. Red Buoy marking smooth-water anchorage off Porcaud, Alleppey.
„ 27. Change in the Anchorge Limits of the Port of Madras.
„ 28. Intended discontinuance of Light at El-weg (Sherm Wej-h), Red Sea.
„ 29. Interval of intended exhibition of blue Lights and Rockets at False Point Light-house.
„ 30. Replacing of the buoys at the entrance to Cochin Harbour and extinguishing of Narrakel Light.
„ 31. Range of visibility of the Light exhibited from Krishna Shoal Light-vessel.
„ 32. Light at Batticaloa.
„ 33. Black buoys laid down in Calicut Roadstead to mark the limits of foul ground.
„ 34. Light at Batticaloa.
„ 35. Replacing of the buoys off Karwar Harbour (Sadashigar).
„ 36. Telegraph buoy, south of Aden.
„ 37. Black buoy off Point Gordeware (Godavery).
„ 38. Light at Batticaloa.
„ 39. Exhibition of a leading Light in Suez Bay.
„ 40. Madras Semaphore.
„ 41. Black buoy off Point Gordeware (Godavery).
„ 42. Madras Semaphore.
„ 43. Buoys at Calicut.

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„ 3. Exhibition of the new fixed Light at False Point.
„ 4. Extension of the period of exhibition of the "Intermediate" Light at the entrance to the Hooghly River.
„ 5. Alterations in the position and visibility of the Light exhibited from Port Canning, Singapore.
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„ 7. Discontinuance of the exhibition of Maroons from the Light-vessels of the Hooghly River.
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„ 9. Lights at Port Ibrahim, Suez.
„ 10. Changes in the buoyage of the port, Madras.
„ 11. Intended alteration of Kenery (Kundari) Island Light.
„ 12. Flashing Light on Flat Cape, Sunda Strait.
„ 13. Destruction of First Point Light-house, Java.
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„ 15. Position of Gwalia Reef, Carimata Strait.
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„ 18. Intended alteration in Light apparatus at Calicut.
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„ 20. Intermittent flashing Light on Pulo Undan, Malacca Strait.

Notices to Mariners issued during the year 1881—

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„ 3. Re-exhibition of Light on First Point, Java.
„ 4. Light at Tagal, Java.
„ 5. Beacon on Borongo Island, Akyab.
„ 6. Discontinuance of Armeghon light and intended change of colour of Pulicat Light.
„ 7. Tidal semaphore at entrance to Chittagong River.
„ 8. Alteration of colour of Light at Ratnagiri.
„ 9. Red Light on Colombo breakwater.
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„ 17. Lights at Zanzibar.
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„ 19. Revolving light at Armeghon.
„ 20. Beacon on Tucker's patch, Bombay Harbour.
„ 21. Fixed Light at Pulicat.
„ 22. Fixed Light at Ratnagiri.
„ 23. Occasional observation of light at False Point.
„ 24. Breaking adrift of Kárwar rock buoy, Kárwar or Sadashivgad.
„ 25. Date of exhibition of permanent white Light at Calicut.
„ 26. Alteration of colour of Katubdea Light-house, Chittagong coast.
„ 27. Exhibition of red and green Lights at Pondicherry.
„ 28. New beacon on Kal-ah-kebirah Shoal, Gulf of Suez.
„ 29. Reported coral reef off Batticaloa.
„ 30. Revised rules for vessels using Madras Harbour.
„ 31. Wreck buoy to mark wreck of Mariana, Madras Coast.
„ 32. Removal of the Red Buoy off the head of the South Harbour Pier, Madras.
„ 33. Temporary exhibition of a small dioptric Light at the Eastern Grove Light-house, at the entrance to the Rangoon River.
„ 34. Reported incorrect position of Crocodile Rock, Cadiapatam or Muttum Point.
„ 35. Replacing of Kárwar Rock buoy, Kárwar or Sadashivgad.
„ 36. Date of re-exhibition of the permanent Light at Eastern Grove, at the entrance to the Rangoon River.
„ 37. Position of the anchorage buoy at Beypore.
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„ 39. Wreck in Negapatam Roadstead.
„ 40. Revolving Light to be exhibited from a Light-vessel to be anchored off the Formosa Bank, Malacca Strait.

Notices to Mariners issued during the year 1882—

No. 1. Fixed Red Light exhibited from Fort Point, Georgetown Penang, or Prince of Wales' Island.
„ 2. System of Buoyage in Indian Waters.
„ 3. Mark for clearing the southern end of Point Pedro Shoals, north-east coast of Ceylon.
„ 4. Position of Wreck in Negapatam Roadstead.
„ 5. Light-house building on sunk rock, Bombay Harbour.
„ 6. Dangerous rock off Modeshwur Cape, Canara Coast.
„ 7. Fishing stakes in the approaches to Bombay Harbour.
„ 8. Erection of a pillar to mark the southern boundary of the port of Beypore.
„ 9. Changes in the bar at the entrance to the Chittagong River.
„ 10. Position of the Pilot's Ridge Light-vessel in the approaches to the Hooghly River.
„ 11. Exhibition of a fixed light on Dennis island, Seychelle islands.
„ 12. New Eddystone Lighthouse.

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The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, AUGUST 5, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART III.

Advertisements and Notices by Private Individuals and Corporations.

PROMISSORY NOTES.

Lost or Destroyed

The Government Promissory Note, No. 3981 of 14965, of the 4 per cent. of 1835-36, for Rs. 1,000, originally standing in the name of Raja Indoo Bhusun Deb Roy, and last endorsed to Poorno Chunder Gangooly, the proprietor, by whom it was never endorsed to any other person. Payment of the above Note and the interest thereupon have been stopped at the Public Debt Office, Bank of Bengal, and application is about to be made for the issue of duplicate in favour of the proprietor.

POORNO CHUNDER GANGOOLY,

Serampore.

SUPPLEMENT TO

The Gazette of India.

No. 31.] CALCUTTA, SATURDAY, AUGUST 5, 1882.

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GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

RETURNS OF ACCIDENTS ON INDIAN RAILWAYS FOR THE FIRST QUARTER OF 1882.

No. 725R.T., dated Simla, the 20th July 1882.

RESOLUTION—By the Government of India, Public Works Department.

Read again—

Public Works Department Resolution, No. 859 R. T., dated the 22nd July 1881.
Ditto ditto ditto No. 397 R. T., dated the 4th May 1882.

Read also—

Returns of accidents to trains, &c., on the open lines of railway in India for the quarter ending 31st March 1882.

OBSERVATIONS.—As compared with the corresponding quarter of 1881, while the open mileage increased by 409 miles, or 4·3 per cent., and the train mileage by 1,253,479 miles, or 14·3 per cent., the number of accidents to trains, rolling-stock, permanent-way, &c., remained very nearly the same, being 696 against 695. The following are the railways on which the numbers chiefly vary :—

	Increase	Decrease.
Sind, Punjab and Delhi	...	42
Great Indian Peninsula	38	.
Wardha Coal	22	...
Nagpur-Chhattisgarh	12	...
Rangoon and Irrawaddy Valley	..	23
Punjab Northern	...	19
Indus Valley	...	21
Nizam's	...	11

2. The decrease on the Sind, Punjab and Delhi Railway mainly took place under "goods trains or parts of goods trains, engines, &c., leaving the rails" and "miscellaneous accidents." Under the former head there were 13 accidents against 21; and under the latter, 1 against 22.

3. On the Great Indian Peninsula Railway the accidents from collisions between "goods trains or parts of goods trains" increased from 2 to 8; and the cases of "fire in trains" from 9 to 42.

4. Of the increase of 22 accidents on the Wardha Coal Railway, 8 appear under "failure of tyres," and 11 under "fire in trains." The numbers of cases under these heads, during the first quarter of 1881, were *nil* and 1 respectively.

5. On the Nagpur and Chhatisgarh Railway there was no noticeable increase under any particular head.

6. On the Rangoon and Irrawaddy Valley Railway the number of "cattle" accidents decreased from 14 to 4, and the "failures of machinery, springs, &c., of engines," from 11 to 2.

7. On the Punjab Northern and Indus Valley Railways the decrease principally took place under "goods trains or parts of goods trains, engines, &c., leaving the rails."

8. The decrease on the Nizam's Railway was due to the absence of any accident from "fire in trains;" whereas in the first quarter of 1881 there were 10 accidents from this cause on that line.

9. The total number of accidents on the Rajputana-Malwa Railway does not show any large variation, but it appears from the details that collisions of all descriptions decreased from 10 to 1, derailments of passenger trains from 6 to *nil*, and the derailments of goods trains, engines, &c., from 11 to 1, while there were 13 cases of failure of couplings against 8, and 11 cases of failure of machinery, &c., and 8 miscellaneous accidents against *nil* in the corresponding quarter of 1881.

10. The casualties resulting from accidents to trains, &c., were, among passengers, 14 killed and 31 injured, against 9 injured; and among servants, 2 killed and 10 injured, against 3 killed and 15 injured. Of the casualties to passengers, 13 men were killed and 15 injured in an accident on the East Indian Railway at Shikohabad, on the 17th January 1882, caused by an up mail train coming into collision with an up goods train which it was following. There were 13 passengers also slightly injured in an accident on the Bombay, Baroda and Central India Railway, caused through the carelessness of the pointsman by an up mail train colliding with some wagons standing on a siding at the Viramgam station.

11. The following table exhibits the number of accidents under the different classes, and the number of persons killed and injured thereby:—

Description of accidents.	Number of accidents.	Number of passengers and others.		Number of servants.		Total.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
Collisions between passenger trains, or parts of passenger trains	1	...	...	...	...	...	...
Collisions between passenger trains and goods or mineral trains, engines, and vehicles standing foul of the line	13	13	29	...	3	13	32
Collisions between goods trains, or parts of goods trains	25	...	...	...	2	...	2
Collisions between light engines	7	...	...	...	...	...	...
Passenger trains or parts of passenger trains leaving the rails	17	1	...	...	...	1	...
Goods trains or parts of goods trains, engines, &c., leaving the rails	53	...	...	...	1	...	1
Trains or engines travelling in the wrong direction through points	24	...	...	...	...	...	...
Trains running into stations or sidings at too high a speed	4	...	...	...	...	...	...
Trains running over cattle on the line	202	...	...	...	...	...	...
Trains running over obstructions on the line	26	...	...	...	...	...	...
Trains running through gates at level crossings	17	...	.	2	1	2	1
The bursting of boilers, or tubes, &c., of engines	30	...	...	...	...	...	...
The failure of machinery, springs, &c., of engines	69	...	...	...	...	...	...
The failure of tyres	10	...	..	...	...	...	...
The failure of wheels	1	...	...	...	...	...	...
The failure of axles	10	...	...	...	1	...	1
The failure of couplings	29	...	...	...	...	...	...
Broken rails	8	...	...	...	...	...	...
The flooding of portions of permanent-way	2	...	...	...	...	...	...
Fire in trains	100	...	1	...	...	...	1
Fire at stations, or involving injury to bridges or viaducts	7	...	...	...	...	...	...
Other accidents	41	..	1	...	2	..	3
Total	696	14	31	2	10	16	41

12. The satisfactory feature of the present returns is the decrease from 114 to 53 in the number of derailments of "goods trains, or parts of goods trains, engines, &c." The railways on which these accidents chiefly diminished have already been alluded to.

13. The cattle accidents numbered 202, of which 40 occurred on the South Indian, 29 on the Rajputana-Malwa, and 26 on the Indus Valley and Kandahar Railways.

14. There were 30 cases of the "bursting of boilers or tubes, &c., of engines," against 29. 90 per cent. of these accidents took place on the Sind, Punjab and Delhi and Indus Valley and Kandahar Railways, there being 17 or 57 per cent. on the former, and 10 or 33 per cent. on the latter.

15. The "machinery, &c., of engines" failed in 69 instances, of which 11 were on the Rajputana-Malwa Railway, and 30 on the Indus Valley and Kandahar Railways.

16. The number of "failures of couplings" was the largest on the Rajputana-Malwa Railway, being 13 out of a total of 29.

17. Under "fire in trains" the number of accidents rose from 45 to 100, or by 55, of which 42 occurred on the Great Indian Peninsula Railway, and 12 on the Wardha Coal Railway. On the former there were 42 accidents against 9, and on the latter, 12 against 1.

18. The casualties to passengers from "causes other than accidents to trains, &c.," were—

—	Killed.	Injured.
From falling between carriages and platforms	3	2
Falling on to the platform, ballast, &c., when getting into or out of trains	1	5
Whilst crossing the line at stations	2	...
Falling out of carriages during the travelling of trains	4	18
Other accidents	...	1
TOTAL	10	26

And the accidents to servants in the employ of railways or of contractors, whilst performing duties connected directly with the transit of passengers and goods, from "causes other than accidents to trains, &c.," were—

—	Killed.	Injured.
During shunting operations	1	8
Falling off engines, vans, wagons, &c.	3	9
Coming in contact with over-bridges, &c., during the travelling of trains	1	2
Coming in contact, whilst shunting, with vehicles, &c., standing in adjoining lines	1	...
Getting on or off trains, engines, &c.	5	7
Whilst loading, unloading, or sheeting	1	14
Whilst braking, spragging, or chocking wheels	...	1
Whilst working at cranes or capstans	1	2
Whilst working on the permanent-way or in sidings	4	2
Whilst walking along the line on the way home, or to work	4	2
Whilst walking, crossing, or standing on the line	9	6
Whilst passing between vehicles	1	...
Whilst attending to the machinery of engines, cleaning them, &c.	...	6
Whilst attending to gates at level-crossings	1	...
Falling or being caught between vehicles and platforms	1	1
Falling off ladders, scaffolds, platforms, &c.	1	1
By the falling of lamps, wagon doors, timber, weights, &c.	...	3
Whilst coupling or uncoupling wagons	3	6
Miscellaneous	4	30
TOTAL	41	100

19. Of "other persons" killed and injured by running trains, &c., 3 were killed and 1 injured whilst passing over the line at level-crossings; 25 killed and 6 injured whilst trespassing on the line; 4 committed suicide; and 2 were killed and 2 injured from miscellaneous causes.

20. The following table exhibits the total numbers of persons killed and injured from causes connected with the working of trains as compared with those in the previous corresponding quarter :—

— —	1st Quarter 1881.		1st Quarter, 1882.	
	Killed.	Injured.	Killed.	Injured.
Passengers.				
From causes beyond their own control	2	10	14	29
From misconduct or want of caution	10	19	10	28
Servants.				
From causes beyond their own control	7	26	3	25
From misconduct or want of caution	30	87	40	85
Others.				
Whilst passing at level-crossings	2	3	3	1
Trespassers, including suicides	23	6	29	6
Other persons	6	...	2	2
Total	80	151	101	176
Total Train Mileage during the quarter	8,751,471		10,004,950	

21. In addition to the above, 5 persons are reported to have been killed and 23 injured in yards, workshops, &c., and 170 passengers to have met death in carriages at stations from causes unconnected with the working of trains.

22. The following is extracted from the report by the Government Inspector on the fatal accident, which took place on the East Indian Railway, near Shikohabad, on the 17th January 1882 :—

Para. 20.—From the evidence heard, the facts of the case, so far as for present purposes it is desirable to record them, appear to be as follows :—

21. The morning of the 17th January was very foggy from Jaswantnagar as far as Shikohabad, and its intensity appears to have increased towards the latter station.

23. No. 17 up goods, which was timed to leave Bhadan at 3-36 A.M., actually left that station at 6-35 A.M. On this point there is no conflict of evidence.

24. On leaving Bhadan it had 27 covered goods wagons, one open low-sided wagon (No. 4667), and one brake-van (No. 159) arranged as in the margin.*

* Rear 159 (brake-van), 5109, 7121, 7016, 2075, 7826, 3843, 4168, 6679, 3382, 2511, 7210, 4427, 4556, 6608, 4409, 7831, 7474, 6346, 2639, 6149, 895, 5326, 2956, 2119, 3025, 6874, 5561, and 4667 (open low-sided) in front of train.

25. The gross load, calculated in the ordinary manner at 15 tons per wagon, with 10 tons for the brake-van was 430 tons. The actual gross load above Phaphund, where one wagon was cut off, is said by the District Traffic Superintendent to have been less than 399 tons. This was not stated before the Magistrate, but in reply to a telegraphic enquiry from me, the computed load was 445 tons above that place.

By the working Time-table the time to be occupied by No. 17 up goods in running between the stations of Bhadan and Shikohabad is 38 minutes, and at this timing it should have reached the latter station at 7-13, and the point of collision, as calculated in paragraphs 18 and 19 above, at 7-10.

26. The mail train should have left Bhadan at 5-35 A.M., and reached Shikohabad at 6-3, but it was running late, and did not leave till 7-3, (or 7-5 according to the guard's timing), when it went on a caution message, on which was noted the following calculation :—

No. 1 goods left Bhadan	6-35
Time allowed for run	38
Due at Shikohabad	7-13
No. 1 up mail to leave	7-5
Time allowed for run	29
Due at Shikohabad	7-34

This train consisted of two brakevans and 19 other vehicles.

27. The Train Departure Book of the Bhadan station gives 7-3 as the actual time of leaving, and the Shikohabad Station Book also records this hour as the one signalled from Bhadan. The receipt for the caution message signed by the guard and driver gives 7-3 as the hour, and thus differs from the time on the caution message itself, but the "3" looks as if it had been altered from some other figure. The guard himself gives 7-5 as the hour of starting by his watch, and thinks the figure has been altered on the receipt since he signed it.

28. At a little more than a mile from the Shikohabad station the mail caught up the goods train, and as the fog prevented the driver of the following train seeing the other, the collision occurred, with the results given above as to vehicles.

29. The casualties were five male and five female adults, one boy and one girl, all natives, killed; nine male and three female adults and two girls, all natives, wounded, of whom one has since died. The European guard of the goods train was seriously hurt, but has now nearly recovered. He escaped by jumping out just before the collision. The guard of the mail train was very slightly hurt.

84. A good deal was afterwards said about the driver being bound to exercise his discretion, but the general impression on the part of this witness appeared to be that a driver could not be blamed who did not, under the circumstances named, exceed the authorised pace. The driver himself said that he could not have justified himself to his superior for losing time.

85. As I have endeavoured to show above, I believe he was running in excess of the ordinary speed, but even if he were only running at that speed, I should still think that he had not exercised the caution which the mere receipt of a caution message implies, it being impossible at the time to keep a look out ahead to any practical purpose.

86. I may add here that at the close of the enquiry this driver was committed for trial. Some of the points, now in doubt, will probably then be cleared up.

The driver of the mail train was acquitted by the High Court, Allahabad. The railway authorities, recognising the necessity for a modification of existing rules in the case of trains following in foggy weather, issued a revised working order for the guidance of drivers in such cases.

RESOLUTION.—The attention of the Government, Administration, and Officer concerned should be invited to the large increase in the number of cases of "fire in trains" on the Great Indian Peninsula and Wardha Coal Railways, the large number of "failures of machinery, springs, &c., of engines" on the Indus Valley and Kandahar Railways, the "failures of tyres" on the Wardha Coal Railway, and the "failures of couplings" on the Rajputana-Malwa-Railway.

The Governments of Madras, Bombay, Bengal, the North-Western Provinces and Oudh, and the Punjab.
The Chief Commissioners, Central Provinces, British Burma and Assam.
The Resident at Hyderabad.
The Agents to the Governor General for Rajputana, Central India and Beluchistan.
The Director General of Railways.
The Consulting Engineers to the Government of India for Guaranteed Railways.

ORDER.—Ordered, that this Resolution be forwarded to the Governments, Administrations and Officers, noted in the margin, for information, together with copies of the returns compiled.

Ordered also, that copies be forwarded to the Secretary of State for the information of Her Majesty's Government.

Ordered further, that this Resolution, with the abstract returns, be published in the Supplement to the *Gazette of India*.

FRED. FIREBRACE, *Major, R.E.*,
Under-Secretary.

TABLE No. I.

GENERAL TOTAL.

NUMBER of PERSONS reported during the First Quarter of 1882 as KILLED or INJURED on the several RAILWAYS open for Traffic in INDIA, distinguishing between PASSENGERS, RAILWAY SERVANTS and OTHER PERSONS; and distinguishing also, in the case of the two former Classes, between ACCIDENTS happening from Causes beyond their own Control, and ACCIDENTS happening otherwise.

	Mean Mileage open.	RAILWAYS.		Passengers. From Causes beyond their own Control. Killed.	Passengers. From Causes beyond their own Control. Injured.	Passengers. From their own Misconduct or want of Caution. Killed.	Passengers. From their own Misconduct or want of Caution. Injured.	Passengers. Total. Killed.	Passengers. Total. Injured.	Railway Servants or Servants of Contractors. From Causes beyond their own Control. Killed.	Railway Servants. From Causes beyond their own Control. Injured.	Railway Servants. From their own Misconduct or want of Caution. Killed.	Railway Servants. From their own Misconduct or want of Caution. Injured.	Railway Servants. Total. Killed.	Railway Servants. Total. Injured.	Other Persons. Whilst passing over Railways at Level-Crossings. Killed.	Other Persons. Whilst passing over Railways at Level-Crossings. Injured.	Other Persons. Trespassers and Suicides. Killed.	Other Persons. Trespassers and Suicides. Injured.	Other Persons. Miscellaneous not included in preceding Columns. Killed.	Other Persons. Miscellaneous not included in preceding Columns. Injured.	Other Persons. Total. Killed.	Other Persons. Total. Injured.	Total all Classes. Killed.	Total all Classes. Injured.
Guaranteed.	1,582¾	East Indian (Including State Lines worked as Branches)	1881	...	6	4	8	4	14	2	12	6	16	8	28	...	...	4	...	2	...	6	...	18	42
	1,595		1882	13	16	6	9	19	25	1	15	5	30	6	45	1	...	10	...	...	...	11	...	36	70
	171¾	Eastern Bengal	1881	...	...	...	1	...	1	...	...	1	5	1	5	...	...	...	...	...	...	...	...	1	6
	172¾		1882	...	...	2	...	2	...	...	...	1	4	1	4	...	...	1	...	...	...	1	...	4	4
	547	Oudh and Rohilkhand	1881	...	...	...	2	...	2	...	...	1	3	1	3	...	...	4	...	...	...	4	...	5	5
	547		1882	...	...	...	1	...	1	...	...	1	3	1	3	...	...	2	...	...	1	2	1	3	5
	663¼	Sind, Punjab and Delhi	1881	...	...	1	3	1	3	...	1	5	15	5	16	...	...	4	1	...	...	4	1	10	20
	663½		1882	...	...	1	4	1	4	...	1	3	2	3	3	...	...	1	...	...	...	1	...	5	7
	858	Madras	1881	...	...	1	...	1	...	...	...	...	1	...	1	1	...	1	1	...	...	2	1	3	2
	858		1882	...	...	...	...	...	...	...	...	4	9	4	9	...	...	1	1	1	...	2	1	6	10
	655	South Indian	1881	...	...	...	2	...	2	...	...	...	7	...	7	...	...	3	1	...	...	3	1	3	10
	655		1882	...	...	...	...	...	...	...	...	...	2	...	2	...	1	2	...	...	...	2	1	2	3
	1,448	Great Indian Peninsula	1881	...	...	...	1	...	1	...	2	5	20	5	22	1	2	1	1	1	...	3	3	8	26
	1,446½		1882	...	...	...	1	...	1	...	1	9	18	9	19	1	...	2	...	...	1	3	1	12	21
	444	Bombay, Baroda and Central India ...	1881	...	...	...	...	...	...	...	...	3	8	3	8	...	...	...	1	...	...	...	1	3	9
	(a)450¾		1882	1	13	...	2	1	15	...	...	6	5	6	5	...	...	2	1	...	...	2	1	9	21
	28	Calcutta and South-Eastern	1881	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	28		1882	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1
	27½	Nalháti	1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	27½		1882	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	230	Northern Bengal	1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	2	...	2	...
	233		1882	...	...	...	...	...	...	...	...	1	...	1	...	..	...	2	...	...	...	2	...	3	...

STATE.

82	Tirhoot	1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
85		1882	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
57	Patna-Gya	1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	1	...	...
57		1882	...	...	...	...	...	...	...	1	1	...	1	1	...	...	...	...	...	...	...	...	1	1	...
29	Muttra-Háthras	1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29		1882	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
74	Cawnpore-Farukhabad...	1881	...	...	...	...	...	...	...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	...	2
86½		1882	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
989¾	Rajputana-Malwa System	1881	...	...	1	2	1	2	1	4	6	2	7	6	...	1	3	...	...	...	3	1	11	9	
1,139½		1882	...	...	...	6	...	6	...	...	2	2	2	2	...	...	2	2	1	...	3	2	5	10	
192½	Bhavnagar-Gondal	1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
192½		1882	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	
45	Wardha Coal	1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
45		1882	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	1	
59	Nágpur-Chhattísgarh	1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	1	...	
98		1882	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	1	
161	Rangoon and Irrawaddy Valley	1881	...	...	...	...	...	...	...	1	...	3	...	4	...	...	...	...	1	...	1	...	1	4	
161		1882	...	...	...	1	...	1	...	...	1	7	1	7	...	...	...	1	...	...	...	1	1	9	
285	Punjab Northern	1881	2	3	1	...	3	3	3	6	1	1	4	7	...	...	...	...	...	...	...	...	7	10	
367¾		1882	...	...	...	1	...	1	1	...	...	1	1	1	...	...	2	1	...	...	2	1	3	3	
640	Indus Valley and Kandahar	1881	...	1	2	...	2	1	...	...	2	3	2		...	...	1	1	...	...	1	1	5	5	
641		1882	...	...	1	3	1	3	1	3	4	1	5	4	1	...	1	...	...	...	2	...	8	7	
59	Gaekwar of Baroda's	1881	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	
59¼		1882	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1	...	
121	Nizam's	1881	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	
121		1882	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	1	...	
(b)	Mysore	1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
67		1882	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	Kawnia-Dhurla	1881	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
32¼		1882	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	1	
9,449½	TOTAL	1881	2	10	10	19	12	29	7	26	30	87	37	113	2	3	23	6	6	...	31	9	80	1 5	
9,858½		1882	14	29	10	28	24	57	3	25	40	85	43	110	3	1	29	6	2	...	34	9	101	176	

(a) Includes Dakor and Patri Branch. (b) Return not received.

TABLE

NUMBER of PERSONS reported during the First Quarter of 1882, as KILLED or INJURED on the several RAILWAYS open for practicable, the Nature and Causes of the

	RAILWAYS.	PASSENGERS.																		SER													
		From accidents to trains, &c. See Table No. 4.		From causes other than accidents to trains, &c. 1.—From falling between carriages and platforms.		2.—Falling on to the platform, ballast, &c., when getting into or out of trains.		3.—Whilst crossing the line at Stations.		4.—By closing of carriage doors.		5.—Falling out of carriages during the travelling of trains.		6.—Other accidents.		Total.		Total Passengers.		From accidents to trains, &c. See Table No. 4.		From causes other than 1.—During shunting operations.		2.—Falling off engines, vans, wagons, &c.		3.—Coming in contact with over-bridges, &c., during the travelling of trains.		4.—Coming in contact, whilst shunting, with vehicles, &c., standing in adjoining lines.		5.—Getting on or off trains, engines, &c.		6.—Whilst loading, unloading or sheeting.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
	East Indian (Includes Branch State Lines).	13	17	2	1	1	...	1	...	...	...	2	7	...	...	6	8	19	25	...	3	..	2	1	5	...	1	..	...	...	3	...	3
GUARANTEED.	Eastern Bengal	...	...	...	...	...	...	1	...	...	...	1	...	..	...	2	..	2	...	...	..	...	..	...	1	...	...	.	...	...	.	1	3
	Oudh and Rohilkhand ...	...	...	...	...	...	...	...	...	..	..	...	1	...	...	..	1	...	1	...	..	...	...	...	...	...	...	...	...	...	...	...	2
	Sind, Punjab and Delhi ...	...	...	...	...	...	1	...	...	...	...	1	2	..	1	1	4	1	4	...	1	...	...	1	...	..	...	1	...	1	1	...	.
	Madras	...	...	...	...	...	...	..	...	...	...	..	...	...	..	..	...	...	..	1	...	..	1	...	..	...	...	...	...	...	...	...	1
	South Indian	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	.
	Great Indian Peninsula ...	...	...	...	..	...	...	...	...	...	...	...	1	..	...	..	1	...	1	...	1	...	3	1	3	1	...	...	.	..	1	...	2
	Bombay, Baroda and Central India	1	14	..	...	...	1	...	...	...	...	.	...	...	..	..	1	1	15	1	...	...	...	...	...	...	...	...	...	...	...	...	2
STATE.	Calcutta and South-Eastern ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	1	.	.
	Nalháti	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Northern Bengal ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	..	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
	Tirhoot	..	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...	...	...	..	...	..	...	..	...	..	...	...	...	...	...	...	...
	Patna-Gya	...	...	...	..	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...
	Muttra-Háthras	..	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	..	...	...	...	...	...	...	...	.
	Cawnpore-Farukhabad ...	...	..	...	...	...	...	...	...	...	...	..	...	...	...	...	..	...	...	...	1	...	..	...	...	...	...	...	.	...	...	...	...
	Rajputana-Malwa System ...	...	...	...	...	...	3	...	...	...	...	...	3	...	...	...	6	..	6	...	...	1	...	...	...	...	1	...	...	...	...	...	...
	Bhavnagar-Gondal ...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	..	...	..	...	...	...	...	...	...	...	...	...	1	...	...	...	...
	Wardha Coal	...	...	...	...	...	...	...	...	...	...	..	..	...	.	...	...	...	..	...	...	...	1	...	...	...	...	...	...	...	...	...	..
	Nágpur-Chhattísgarh ...	...	...	...	...	...	...	...	...	...	...	...	.	...	...	..	...	...	..	...	..	..	1	...	...	...	...	...	...	...	...	...	...
	Rangoon and Irrawaddy Valley	...	...	...	1	..	...	...	..	..	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Punjab Northern ...	...	...	...	...	..	...	...	...	...	...	...	1	...	...	...	1	..	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...
	Indus Valley and Kandahar ...	...	...	1	...	...	...	...	...	...	...	..	3	...	...	1	3	1	3	...	3	..	...	...	..	...	..	...	...	1	...	...	...
	Gaekwar of Baroda's ...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nizam's	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...
	Mysore	...	...	.	...	...	...	...	...	...	..	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kawnia-Dhurla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
TOTAL ...	1882	14	31	3	2	1	5	2	...	...	...	4	18	...	1	10	26	24	57	2	10	1	6	3	9	1	2	1	...	5	7	1	14
	1881	...	9	2	1	3	1	1	..	...	1	5	15	1	2	12	20	12	29	3	15	4	6	3	9	1	1	...	1	5	5	6	15

No. 2.

Traffic in India, distinguishing between Passengers, Railway Servants, and Other Persons; and classifying, as far as Accidents occasioning the Death or Injury.

| VANTS. | | |

TABLE No. 3.

ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the First Quarter of 1882 as having occurred on the several RAILWAYS open for Traffic in INDIA, distinguishing the different Classes of Accidents, and the Number of Passengers and others, and of Railway Servants, KILLED or INJURED in each Class of Accidents.

SEE ALSO TABLE No. 4.

	East Indian (Including State Lines worked as Branches).							Eastern Bengal.							Oudh and Rohilkhand.							Sind, Punjab and Delhi.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	2	13	16	...	3	13	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	...	...	...	...
3. Collisions between goods trains, or parts of good trains	6	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	2	...	...	...	...	...	...
4. Collisions between light engines	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	3	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	13	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Ditto over cattle on the line	13	...	...	...	...	...	...	5	...	...	...	...	...	...	11	...	...	...	...	...	...	3	...	...	...	...	...	...
10. Ditto over obstructions on the line	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11. Ditto through gates at level-crossings	...	...	...	...	...	...	...	1	...	...	...	...	...	...	3	...	...	...	...	...	...	3	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	5	...	...	...	...	...	...
14. Ditto of tyres	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	1	...	1
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	7	...	1	...	...	...	1	1	...	...	...	...	...	...	2	...	...	...	...	...	...	1	...	...	...	...	...	..
24. Fire at stations, or involving injury to bridges or viaducts	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
25. Other accidents	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
TOTAL ALL CLASSES ...	49	13	17	...	3	13	20	9	...	...	...	...	...	...	18	...	...	...	...	...	...	59	...	...	...	1	...	1
Number of Passenger-miles	255,995,063							21,689,981							42,957,324							61,819,097						
„ of Servants employed	22,810							5,470							5,112							14,345						
Train-mileage of all descriptions	2,324,551							168,792							444,372							698,129						

TABLE No. 3.—ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the First Quarter of 1882, &c.,—*continued.*

SEE ALSO TABLE No. 4.

	Madras.							South Indian.							Great Indian Peninsula.							Bombay, Baroda and Central India.							Calcutta and South-Eastern.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	13	...	...	...	13	...	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	...	...	1	...	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	2	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	...	...	...	...	2	1	...	...	...	1	...	...	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	4	...	...	...	...	...	...	3	...	...	...	...	...	...	9	...	...	...	...	...	...	4	...	...	...	...	...	...	3	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Trains running over cattle on the line ...	12	...	...	...	...	...	...	40	...	...	...	...	...	...	14	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	...	...	...	...	...
10. Ditto over obstructions on the line ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...
11. Ditto through gates at level-crossings	2	...	...	1	...	1	...	2	...	...	...	...	...	...	3	...	...	...	...	...	...	1	...	...	1	...	1	...	...	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	7	...	...	...	...	...	...	1	...	...	...	...	...	...	42	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25. Other accidents	2	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	...	...	...	...	...	8	...	1	...	...	...	1	...	...	...	...	...	...	...
TOTAL ALL CLASSES ...	29	...	...	1	...	1	...	51	...	...	...	...	...	...	95	...	...	...	1	...	1	21	1	14	1	...	2	14	12	...	...	...	...	...	...
Number of Passenger-miles	46,081,498							31,650,777							97,195,107							49,566,377							1,653,342						
„ of Servants employed	5,721							7,184							22,724							6,075							180						
Train-mileage of all descriptions	497,143							312,815							2,546,085							425,723							11,233						

TABLE No. 3.—ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the First Quarter of 1882, &c.,—*continued.*

SEE ALSO TABLE No. 4.

	Nalhati.							Northern Bengal.							Tirhoot.							Patna-Gya.							Muttra-Hathras.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	1	...	...	...	...	...	...	5	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...		...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Trains running over cattle on the line ...	...	...	...	...	...	...	...	11	...	...	...	...	...	...	1	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...
10. Ditto over obstructions on the line ...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...
11. Ditto through gates at level crossings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...	3	...	...	...	...	...	...	6	...	...	...	...	...	...	1	..	...	...	...	...	...	...	...	...	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	...	...	...	...	...
21. The flooding of portions of permanent-way ...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25. Other accidents	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...
TOTAL ALL CLASSES ...	2	...	...	...	...	...	...	23	...	...	...	...	...	...	11	...	...	...	...	...	...	8	...	...	...	1	...	1	6	...	...	...	...	...	...
Number of Passenger miles	649,139							8,823,346							4,716,037							6,897,303							1,870,405						
" of Servants employed	170							1,638							871							496							109						
Train-mileage of all descriptions	10,187							153,537							61,100							38,235							10,911						

TABLE No. 3.—ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the First Quarter of 1882, &c.,—*continued.*

SEE ALSO TABLE No. 4.

	Cawnpore-Farukhabad.							Rajputana Malwa System.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	...	...	...	1	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	...	...	...	...	...	...	...	1	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	5	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	3	...	...	...	...	...	...
9. Trains running over cattle on the line ...	1	...	...	...	...	...	...	29	...	...	...	...	...	...
10. Ditto over obstructions on the line ...	1	...	...	...	...	...	...	7	...	...	...	...	...	...
11. Ditto through gates at level crossings	1	...	...	...	1	...	1	1	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	1	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...	11	...	...	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	...	...	1	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	5	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	13	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments... ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	...	...	...	...	...	...	...	4	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25. Other accidents	1	...	...	...	...	...	...	8	...	...	...	...	...	...
TOTAL ALL CLASSES ...	4	...	...	...	1	...	1	90	...	...	...	...	...	...
Number of Passenger miles	4,392,930							71,983,456						
„ of Servants employed	383							9,074						
Train mileage of all descriptions	37,239							1,079,134						

	Bhavnagar-Gondal.							Wardha Coal.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	1	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	...	...	...	...	...	...	...	1	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Trains running over cattle on the line ...	5	...	...	...	...	...	...	...	...	...	...	...	...	...
10. Ditto over obstructions on the line ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11. Ditto through gates at level crossings	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	2	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...	4	...	...	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	...	...	8	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	1	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments... ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	12	...	...	...	...	...	...
25. Other accidents	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL ALL CLASSES ...	5	...	...	...	...	...	...	29	...	...	...	...	...	...
Number of Passenger miles	9,678,227							670,421						
„ of Servants employed	609							392						
Train mileage of all descriptions	92,311							19,410						

	Nagpur-Chhattisgarh.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	...	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	...	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	1	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	1	...	...	...	...	...	...
9. Trains running over cattle on the line ...	...	...	...	...	...	...	...
10. Ditto over obstructions on the line ...	3	...	...	...	...	...	...
11. Ditto through gates at level crossings	1	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	4	...	...	...	...		...
20. Broken rails	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way ...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments... ...	...	...	...	...	...	...	...
23. Fire in trains	...	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	3	...	...	...	...		...
25. Other accidents	...	...	...	...	...	...	...
TOTAL ALL CLASSES ...	13	...	...	...	...	...	...
Number of Passenger miles	2,759,318						
„ of Servants employed	1,445						
Train mileage of all descriptions	56,240						

TABLE No. 3.—ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the First Quarter of 1882, &c.,—*continued.*

SEE ALSO TABLE No. 4.

	Rangoon and Irrawaddy Valley.							Punjab Northern.							Indus Valley and Kandahar.							Gaekwar of Baroda's.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	.	...	...	...	1	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	2	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	..	1	...	1	...	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...
5. Passenger trains, or parts of passenger trains, leaving the rails	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	1	.	...	...	...	...	...	1	...	...	...	...	...	...	3	...	...	...	1	...	1	...	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	1	...	...	...	...	...	...	7	...	...	...	...	...	...	...	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Ditto over cattle on the line	4	...	...	...	...	...	...	5	...	...	...	...	...	...	26	...	..	...	...	...	...	...	...	...	...	...	...	...
10. Ditto over obstructions on the line	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
11. Ditto through gates at level-crossings	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	..	...	10	...	...	...	...	...	...	...	...	...	...	...	...	...
13. The failure of machinery, springs, &c., of engines...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	30	...	...	...	...	...	...	...	...	...	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	2	...	..	...	...	...	...	5	...	...	...	...	...	...	8	...	...	...	...	...	...	...	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25. Other accidents	3	...	...	...	...	...	...	3	...	...	...	...	...	...	2	...	...	...	1	...	1	...	...	...	...	...	...	...
TOTAL ALL CLASSES ...	15	...	...	...	...	...	...	25	...	...	...	...	...	..	91	...	...	...	3	...	3	1	...	...	...	...	...	...
Number of Passenger miles	14,259,251							19,046,285							23,542,122							1,232,307						
„ of Servants employed	1,235							3,712							4,887							185						
Train mileage of all descriptions	155,035							247,710							487,401							13,556						

TABLE No. 3.—ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., reported during the First Quarter of 1882, &c.,—*concluded.*

SEE ALSO TABLE No. 4.

	Nizam's.							Mysore.							Kawnia-Dhurla.							Total all Railways.						
	No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.		No.	Number of Passengers and others.		Number of Servants.		Total all Classes.	
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains, or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...							
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
3. Collisions between goods trains, or parts of goods trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13	13	29	...	3	13	32
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	25	...	...	...	2	...	2
5. Passenger trains, or parts of passenger trains, leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	...	...	...	...	...
6. Goods trains, or parts of goods trains, engines, &c., leaving the rails	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	17	1	...	...	...	1	...
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	53	...	...	...	1	...	1
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	24	...	...	...	...	...	...
9. Ditto over cattle on the line	...	...	...	...	...	...	...	9	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	...	...	...	...
10. Ditto over obstructions on the line	...	...	...	...	...	...	...	2	...	...	...	...	...	...	2	...	...	...	...	...	...	202	...	...	...	...	...	...
11. Ditto through gates at level-crossings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	26	...	...	...	...	...	...
12. The bursting of boilers or tubes, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17	...	...	2	1	2	1
13. The failure of machinery, springs, &c., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30	...	...	...	...	...	...
14. Ditto of tyres	...	...	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	69	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	...	...	1	...	1
18. Ditto of couplings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, &c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	29	...	...	...	...	...	...
20. Broken rails	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	...	...	...	...	...
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...
23. Fire in trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	1	...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	100	...	1	...	...	...	1
25. Other accidents	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	7	...	...	...	...	...	...
	...	...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	41	...	1	...	2	...	3
TOTAL ALL CLASSES ...	2	...	...	...	...	...	...	25	...	...	...	...	...	...	3	...	...	...	...	...	...	696	14	31	2	10	16	41

	Nizam's.	Mysore.	Kawnia-Dhurla.	Total all Railways.
Number of Passenger miles	5,991,104	1,759,870	362,972	787,223,059
„ of Servants employed	483	660	184	116,154
Train mileage of all descriptions	65,675	43,530	4,896	10,004,950

TABLE

ACCIDENTS to TRAINS, ROLLING-STOCK, PERMANENT-WAY, &c., on the several RAILWAYS open for Traffic in INDIA during the
and the Number of RAILWAY SER

	RAILWAYS.	1. Collisions between passenger trains, or parts of passenger trains.	2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line.	3. Collisions between goods trains, or parts of goods trains.	4. Collisions between light engines.	5. Passenger trains, or parts of passenger trains, leaving the rails.	6. Goods trains, or parts of goods trains, engines, &c., leaving the rails.	7. Trains or engines travelling in the wrong direction through points.	8. Trains running into stations or sidings at too high a speed.	9. Trains running over cattle on the line.	10. Trains running over obstructions on the line.	11. Trains running through gates at level crossings.	12. The bursting of boilers or tubes, &c., of engines.	13. The failure of machinery, springs, &c., of engines	14. The failure of tyres.	15. The failure of wheels.	16. The failure of axles.	17. The failure of brake apparatus.	18. The failure of couplings.	19. The failure of tunnels, bridges, viaducts, culverts, &c.	20. Broken rails.
	East Indian (Including State Lines worked as Branches).	...	2	6	1	...	1	4	...	13	5	...	...	...	1	...	1	...	5	...	...
GUARANTEED.	Eastern Bengal	...	...	...	...	...	1	...	...	5	...	1	...	...	...	...	...	...	...	...	...
	Oudh and Rohilkhand	...	...	1	...	1	...	...	...	11	...	3	...	...	...	...	...	...	...	...	...
	Sind, Punjab and Delhi	...	4	2	2	3	13	2	...	3	...	3	17	5	...	...	2	...	...	...	...
	Madras	...	...	...	...	2	4	...	...	12	...	2	...	...	...	...	...	...	...	...	...
	South Indian	...	1	...	...	...	3	...	...	40	...	2	...	1	...	...	...	...	3	...	...
	Great Indian Peninsula	...	1	8	3	4	9	2	...	14	1	3	...	...	...	...	1	...	...	...	...
	Bombay, Baroda and Central India ...	...	1	2	...	2	4	...	...	...	2	1	...	...	...	...	...	...	...	...	1
STATE.	Calcutta and South-Eastern	...	...	...	...	...	3	1	...	7	...	...	...	1	...	...	...	...	...	...	...
	Nalháti	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...
	Northern Bengal	...	...	1	...	...	5	...	...	11	...	...	...	3	...	...	1	...	1	...	...
	Tirhoot	...	...	...	...	...	1	1	...	1	...	...	...	6	...	...	...	...	1	...	...
	Patna-Gya	...	...	...	...	1	...	...	...	3	2	...	...	1	...	...	...	...	...	...	...
	Muttra-Háthras	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
	Cawnpore-Farukhabad	...	...	...	...	...	...	...	...	1	1	1	...	...		...	...	...	...	...	...
	Rajputana Malwa System	...	...	1	...	...	1	5	3	29	7	1	1	11	1	...	5	...	13	...	...
	Bhavnagar-Gondal	...	...	...	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...
	Wardha Coll	...	1	...	...	...	1	...	...	...	...	...	2	4	8	1	...	...	...	...	...
	Nágpur-Chhattísgarh	...	...	...	...	...	1	1	...	3	1	...	...	...	...	...	...	...	4	...	...
	Rangoon and Irrawaddy Valley ...	...	...	2	...	...	1	...	...	4	1	...	...	2	...	...	...	...	...	...	...
	Punjab Northern	...	2	1	1	3	1	1	1	5	...	...	...	...	...	...	...	...	...	...	...
	Indus Valley and Kandahar	1	...	1	...	...	3	7	...	26	1	...	10	30	...	...	...	...	2	...	...
	Gaekwar of Baroda's	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nizam's	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
	Mysore	...	...	...	...	1	...	...	...	9	2	...	...	5	...	...	...	...	...	...	...
	Kawnia-Dhurla	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...
	TOTAL ... 1882	1	13	25	7	17	53	24	4	202	26	17	30	69	10	1	10	...	29	...	8
	TOTAL ... 1881	2	21	27	5	27	114	17	2	188	25	16	29	75	1	1	9	...	17	...	7

No. 4.

First Quarter of 1882, distinguishing the different Classes of ACCIDENTS, the Number of PASSENGERS and OTHERS VANTS Killed or Injured thereby.

21. The flooding of portions of permanent-way.	22. Slips in cuttings or embankments.	23. Fire in trains.	24. Fire at stations, or involving injury to bridges or viaducts.	25. Other accidents.	Total all Classes.	Number of Passengers and others.		Number of Servants.		Total all Classes.		Mean miles of Railway open.	Number of Passengers carried.	Train mileage of all descriptions.	Passenger mileage.	Per mile open.			Total passengers.			
						Killed.	Injured.	Killed.	Injured.	Killed.	Injured.					Number of Passengers carried.	Train mileage of all descriptions.	Passenger mileage.	Per million of passengers.		Per million of passenger miles.	
																			Killed.	Injured.	Killed.	Injured.
...	...	7	2	1	49	13	17	...	3	13	20	1,595	2,847,752	2,324,551	255,995,063	1,785	1,457	160,495	4·565	5·969	0·051	0·066
...	...	1	...	1	9	...	...	...	...	...	...	172¾	622,099	168,792	21,689,981	3,601	977	125,557	...	...	...	...
...	...	2	...	...	18	...	...	...	...	...	...	547	682,448	444,372	42,957,324	1,248	812	78,533	...	...	...	...
...	...	1	1	1	59	..	...	...	1	...	1	663¼	1,017,292	698,129	61,819,097	1,533	1,052	93,171	...	...	...	...
...	...	7	...	2	29	...	...	1	...	1	...	858	1,042,220	497,143	46,081,498	1,215	579	53,708	...	...	...	...
...	...	1	...	...	51	...	...	...	...	...	...	655	839,823	312,815	31,650,777	1,282	478	48,322	...	...	...	...
...	...	42	1	6	95	...	...	...	1	...	1	1,446¼	1,448,117	2,546,085	97,195,107	1,001	1,760	67,193	...	...	...	...
...	...	...	...	8	21	1	14	1	...	2	14	450¾	1,727,873	425,723	49,566,377	3,833	944	109,964	0·579	8·102	0·020	0·282
...	...	...	...	...	12	...	...	...	...	...	...	28	177,321	11,233	1,633,342	6,333	401	58,334	...	...	...	...
...	...	...	...	...	2	...	...	...	...	...	...	27¼	31,061	10,187	649,139	1,140	374	23,822	...	...	...	...
...	...	...	1	...	23	...	...	...	...	...	...	233	189,939	153,537	8,823,346	815	659	37,868	...	...	...	...
...	...	1	...	...	11	...	...	...	...	...	...	85	131,756	61,100	4,716,037	1,550	719	55,482	...	...	...	...
...	...	...	...	1	8	...	...	...	1	...	1	57	164,572	38,235	6,897,303	2,887	671	121,005	..	...	...	...
...	...	...	...	...	6	...	...	...	...	...	...	29	88,325	10,911	1,870,405	3,046	376	64,497	...	...	...	...
...	...	...	...	1	4	...	...	...	1	...	1	86½	151,545	37,239	4,392,930	1,752	431	50,785	...	...	...	...
...	...	4	...	8	90	...	...	...	...	...	...	1,139½	1,254 059	1,079,134	71,983,456	1,101	947	63,171	...	...	...	...
...	...	...	...	...	5	...	...	...	...	...	...	192½	183,857	92,311	9,678,227	955	480	50,277	...	...	...	...
...	...	12	...	...	29	...	...	...	...	...	...	45	26,619	19,410	670,421	592	431	14,898	...	...	...	...
...	...	3	..	...	13	...	.	...	...	...	...	98	140,422	56,240	2,759,318	1,433	574	28,156	...	...	...	...
...	..	2	...	3	15	...	...	...	...	...	...	161	425,735	155,035	14,259,251	2,644	963	88,567	...	...	...	...
2	...	5	...	3	25	...	...	...	...	...	...	367¾	362,137	247,710	19,046,285	985	674	51,791	...	...	...	...
...	...	8	...	2	91	...	...	...	3	...	3	641	401,203	487,401	23,542,122	626	760	36,727	...	...	...	...
...	...	...	...	...	1	...	...	...	...	...	...	59¼	62,930	13,556	1,232,307	1,062	229	20,798	...	...	...	...
...	...	...	1	...	2	...	...	...	...	...	...	121	90,997	65,675	5,991,104	752	543	49,513	...	...	...	...
...	...	4	...	4	25	...	...	...	...	...	...	67	52,812	43,530	1,759,870	788	650	26,267	...	...	...	...
...	...	...	1	...	3	...	...	...	...	...	...	32¼	14,492	4,896	362,972	449	152	11,244	...	...	...	...
2	...	100	7	41	696	14	31	2	10	16	41	9,858½	14,177,406	10,004,950	787,223,059	1,438	1,014	79,852	0·987	2·186	0·018	0·039
...	1	45	14	52	695	...	9	3	15	3	24	9,449¼	12,949,311	8,751,471	662,704,791	1,370	926	70,745	...	0·695	...	0·014

GOVERNMENT

PUBLIC WORKS

Comparative Statement of Irrigation and Rain-fall

Number.	Collectorate.	Name of Work.	Area under Command. Gross Acres.	Irrigable Acres.	Area *Fusl* Kharif, 1881-82. Total Acres.	In comparison with 1880-81. Increase.	Decrease.	*Fusl* Rabi, 1881-82. Total Acres.	In comparison with 1880-81. Increase.	Decrease.
1	2	3	4	5	6	7	8	9	10	11
1	Ahmedabad.	Hathmati Canal . . .	36,000	31,231	1,513	619	...	1,008	368	...
2	Khandesh.	Hartala Tank . . .	584	527	19	...	16	...	...	103
3	Khandesh.	Mukti Reservoir . (*Lower Panjhra River Works.*)	13,117	12,627	410	...	153	526	...	184
4	Khandesh.	Mhasva Tank . . .	4,093	3,912	88	45	...	51	...	45
5	Khandesh.	Jamda Canals . . .	46,288	40,185	409	...	1,682	752	...	381
		Kadwa River Works.								
6	Nasik.	Palkher Canal . . .	26,031	19,188	588	...	144	435	...	71
7	Nasik.	Wadali Canal . . .	2,739	2,152	184	22	...	42	...	237
8	Nasik.	Ojhar Tambat Canal . .	6,730	5,212	89	...	33	11	...	6
9	Ahmednagar.	Ojhar Canal . . (*Pravara River Works.*)	23,297	21,030	1,296	...	23	1,797	...	45
10	Ahmednagar.	Lakh Canal . . (*Pravara River Works.*)	31,731	23,026	134	...	56	182	30	...
11	Ahmednagar.	Bhatodi Tank . . .	12,979	11,956	375	...	45	410	73	...
12	Poona.	Mutha Canals . . .	88,087	44,800	4,456	...	1,510	4,517	...	1,718

OF INDIA.

DEPARTMENT.

on Canals in the Deccan and Gujarat for the Year 1881-82.

Irrigated. Whole Year 1881 82. Total Acres.	In comparison with 1880-81. Increase.	In comparison with 1880-81. Decrease.	Percentage of Increase or Decrease.	Rain-fall.	1880-81. Inches.	1881-82. Inches.	Percentage of Increase or Decrease in 1881-82.	Remarks.
12	13	14	15	16		17	18	19
				K.	31·19	41·04		
				R.	0·00	0·04		
2,521	987	...	64	T.	31·19	41·08	32	
				K.	14·16	15·35		
				R	1·00	·62		
19	...	119	86	T.	15·16	15·97	5	
				K.	17·74	12·54		Rain-fall at Dhulia.
				R.	4·19	1·86		
936	...	337	26	T.	21·93	14·40	13	
				K.	15·08	14·47		
				R.	5·51	2·20		
139	...	...	...	T.	20 59	16 67	19	
				K.	13·61	16 21		
				R.	3·41	3·24		
1,161	...	2,063	64	T.	17·02	19·45	14	
				K.	17·83	16·26		
				R.	3·23	3·06		
1,023	...	215	47	T.	21·06	19·32	8	
226	...	215	49					
				K.	10·42	15·46		
				R.	1·26	1·64		
100	.	39	28	T.	11·68	17·10	46	At Niphad.
				K.	12·41	9·43		
				R.	2·44	1·09		
3,093	...	68	2	T.	14·85	10·52	29	Rain-fall at Ashwi.
				K.	18·74	13·37		
				R.	4·27	4·50		
316	...	26	8	T.	23·01	17 87	22	
				K.	15·73	14·26		
				R.	3·11	2·73		
785	28	...	4	T.	18·84	16·99	10	
				K.	15·74	17·61		Figures of rain-fall are those of Civil Hospital at Poona. The fall at Urali at 86th mile of Mutha Right Bank Canal was, 1880-81, K. 7·74, R. 5·04, T. 12·78; 1881-82 K. 6·96, R. 1·50, T. 8·46, the fall at Kasurdi, the 44th mile, and at Khedgaon, the 61st mile, is given below opposite Kasurdi and Matoba Tanks respectively.
				R.	4·91	4·38		
8,973	..	3,228	26	T.	20·65	21 99	6	

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XXVII OF 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received	Railways.	Total mean length open.	Receipts for week ending 9th July 1881. Total.	Receipts for week ending 9th July 1881. Per mile open.	Total mean length open.	Receipts for week ending 8th July 1882. Total.	Receipts for week ending 8th July 1882. Per mile open.	Total Receipts from 1st April to 9th July 1881. Total.	Total Receipts from 1st April to 9th July 1881. Per mile open per week.	Total Receipts from 1st April to 8th July 1882. Total.	Total Receipts from 1st April to 8th July 1882. Per mile open per week.	Total Increase in 1882-83.	Total Decrease in 1882-83
	Guaranteed.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
15th July 1882	Eastern Bengal ...	172	57,384	334	172	61,604	358	9,12,672	365	10,14,157	417	1,01,485	...
8th ditto ...	Oudh and Rohilkhund	547	70,054	128	547	73,544	134	14,71,769	188	15,29,466	197	57,697	...
15th ditto ...	Sind, Punjab & Delhi	676	1,41,769	210	676	1,73,338	256	25,78,562	267	27,30,868	286	1,52,306	...
8th ditto ...	Madras ...	858	1,18,744	140	858	1,26,931	148	18,12,555	148	19,72,714	162	1,60,159	...
24th June 1882	South Indian ...	655	78,249	119	...	(a)...	...	(b)9,21,652	115	(c)9,66,641	122	44,989	...
15th July 1882	Great Indian Peninsula	1,448	4,18,433	289	1,458	4,43,430	304	1,04,45,561	505	1,12,13,998	546	7,68,437	...
8th ditto ...	Bombay, Baroda and Central India ...	444	94,097	212	461	1,44,685	314	36,15,340	570	35,18,778	540	..	96,562
	TOTAL ...	4,800	9,78,730	204	4,172	10,23,532	245	2,17,58,111	317	2,29,46,622	337	11,88,511	...
	State.												
15th July 1882	East Indian ...	1,504	7,27,221	484	1,507	7,91,839	525	1,18,13,035	549	1,24,27,187	583	6,14,152	...
8th ditto ...	Calcutta and South-Eastern ...	28	2,346	84	33	2,608	79	45,783	115	56,727	139	10,944	...
15th ditto ...	Nalhati ...	27	1,110	41	27	1,129	42	18,163	47	19,461	51	1,299	...
8th ditto ...	Northern Bengal ...	231	19,688	85	233	23,826	102	4,22,280	128	5,09,220	155	86,940	...
15th ditto ...	Tirhoot ...	76	9,082	119	85	10,491	123	1,76,357	153	1,83,627	153	7,270	..
15th ditto ...	Patna-Gya ...	57	7,281	128	57	6,829	120	1,26,244	155	1,32,491	164	6,247	...
15th ditto ...	Muttra-Hathras ...	29	2,516	87	29	1,587	55	36,418	88	32,765	80	...	3,653
15th ditto ...	Cawnpore-Furrakhabad	86	5,623	65	87	5,352	62	74,228	60	92,502	75	18,274	...
15th ditto ...	Dildarnagar-Ghazipur	12	559	47	12	571	48	13,532	79	15,217	90	1,685	...
15th ditto ...	Rajputana-Malwa ...	1,016	1,36,396	134	1,117	1,78,422	159	26,63,408	183	30,94,778	196	4,31,370	...
8th ditto ...	Wardha Coal ...	45	8,585	191	45	1,398	31	1,42,022	221	1,77,997	280	35,975	...
8th ditto ...	Nagpur & Chhattisgarh	53	2,844	54	98	4,358	44	99,677	111	2,13,641	154	1,13,964	...
8th ditto ...	Rangoon and Irrawaddy Valley ...	161	19,252	119	161	20,394	126	4,54,084	197	4,51,472	198	...	2,612
15th ditto ...	Sindia ...	75	6,844	91	75	5,617	75	85,806	83	91,361	86	5,555	...
8th ditto ...	Punjab Northern ...	363	52,754	145	412	52,728	128	8,14,611	157	8,33,485	148	18,874	...
8th ditto ...	Indus Valley and Kandahar ...	660	59,943	91	660	1,35,513	205	13,37,674	142	12,97,286	139	...	40,388
15th ditto ...	Muttra-Achnera ...	...	...	...	23	904	39	...	...	16,658	51	16,658	...
	TOTAL ...	2,919	3,34,823	115	3,154	4,51,727	143	65,10,286	155	72,18,688	163	7,08,402	...
	Native States.												
15th ditto ...	Bhavnagar-Gondal ...	119	4,137	35	194	8,704	45	2,88,648	106	3,29,678	120	41,030	...
8th ditto ...	Nizam's ...	121	11,290	93	121	11,829	98	2,42,561	140	2,40,634	141	...	1,927
24th June 1882	Mysore ...	58	2,069	36	...	(a)...	...	(b)31,474	44	58,432	56	26,958	...
	TOTAL ..	298	17,496	59	315	20,533	65	5,62,683	106	6,28,744	111	66,061	...
	GRAND TOTAL ...	9,521	20,58,270	216	9,148	22,87,631	250	4,06,44,115	296	4,32,21,241	309	25,77,126	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	1,92,55,322	140	2,07,98,562	149	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	2,13,88,793	156	2,24,22,679	160	10,33,886	...

(a) Return not received. (b) Total receipts from 1st April to 25th June 1881. (c) Total receipts from 1st April to 24th June 1882.

FRED. FIREBRACE, *Major, R.E.,*
Under Secretary.

SIMLA,
The 29th July 1882.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION OPERATIONS OF FASL KHARIF IN THE PUNJAB FOR 1882-83 UP TO 31st MAY 1882.

Canal Division.	Water distributed during May 1882. Depth in Canal at Regulating Gauge. Full supply.	Actual throughout.	Gross Consumption, cubic feet per second. Estimated full supply.	Actual average throughout.	Navigation return canal. Principal items of traffic. Up.	Down.	Land irrigated (approximate). Zila.	Acres.	Rainfall. Average	During month.	Chief crops (approximate). Name.	Area in acres.	Remarks.
Bari Doab Canal. 1st Division	4·90	4·4	3,073·60	995·10	...	...	Gurdáspur ...	7,381	1·00	0·30	Cotton ...	18,857	The average supply entering the Bári Doab Canal at head was 2,663·90 cubic feet per second. Of this, 232·03 was passed out at the various escapes, and the balance, 2,451·88, was utilised. There is an increase up to date of 5,397 acres as compared with last kharif, and of 898 acres as compared with that of 1880.
2nd Division, Main Branch, Lower	4·60	2·78		957·26	...	...	Amritsar ...	15,455	0·98	0·40	Rice ...	979	
2nd do., Lahore Branch	3·35	2·83		499·52	...	...	Lahore ...	28,849	1·05	0·20	Sugarcane ...	9,536	
											Others ...	22,313	
Total Bári Doáb Canal	...	...	3,073·60	2,451·88	...	...	.....	51,685	...	...	.....	51,685	
Corresponding period of last year	...	...	3,073·60	2,060·06	...	...	.....	46,288	...	...	.....	46,288	
Western Jumna Canal. Karnál Division	4·33	4·49	2,546	331	...	Karnál Division 109,024 kurries, bullies, &c. Karnál Division 2,090 mds. fuel, Delhi Division 12,099 mds. timber.	Umballa ...	362	0·90	0·30	Cotton ...	17,439	The volume of water entering the Canal was 2,630 cubic feet, of which the following was passed through the escapes:— Budha Khera Escape . 26; Escape in Delhi Division . 4; Delhi Canal Tail . 38; Total . 68
Delhi do.	5·70	5·48		756			Karnál	10,917	1·37	0·60	Rice ...	174	
Hánsi do.	9·00	8·74		1,213			Delhi ...	20,593	0·60	...	Sugarcane ...	44,655	
Do. Bulla Head	8·80	8·16		312			Rohtak ...	19,093	0·45	0·15	Others ...	5,863	
							Hissár ...	11,156	0·60	...	.....	...	
							Jhínd ...	5,915	0·50	...	.....	...	
							Bikaner ...	32	...	...	.....	...	
							Kalsia State ...	63	...	...	.....	...	
Total Western Jumna Canal	...	...	2,546	2,612	...	109,024	.....	68,131	...	...	.....	68,131	The operations of the month show an increase of 8,941 acres over the corresponding period of last year. There is a decrease of 6,556 acres of cotton, but an increase of 14,503 acres of sugarcane and 1,010 acres of miscellaneous crops.
Corresponding period of last year	...	...	2,546	2,436	...	175,374	.....	59,190	...	...	.....	59,190	
Inundation Canals. Upper Sutlej Division	...	...	...	...	...	...	Lahore ...	500	...	...	Detail not available for want of establishment.	...	The increase in the returns of the Inundation Canals is due to the irrigation of the Muzaffargarh Division, which was not included in last year's return. The decrease elsewhere is due chiefly to the late rise of the Sutlej River. In the Lower Sutlej and Chenab Division the Sutlej has been low, but the Chenab Canals worked well on both banks. There is a very large area under indigo.
Lower Sutlej and Chenab	...	...	...	...	...	...	Montgomery ...	1,500	0·65	0·40		...	
Indus Canals	...	...	...	...	...	...	Mooltan ...	58,245	0·33	...		...	
Mozaffargarh Canals	...	...	...	...	...	...	Dera Ghází Khan ...	23,823	0·54	...		...	
							Mozaffargarh ...	110,000	...	...		...	
Total Inundation Canals	...	...	...	...	...	...	.....	194,068	...	...	.....	194,068	
Corresponding period of last year	...	...	...	...	...	...	.....	118,600	...	...	.....	118,600	
Perennial Canals Grand Total	...	...	...	...	...	...	.....	119,816	...	...	.....	119,816	
Do., corresponding period of last year	...	...	...	...	...	...	.....	105,478	...	...	.....	105,478	

J. E. CATTON,

Offg. Asst. Secy. to Govt., Punjab, P. W. D., Irrigation Branch.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION BRANCH.

IRRIGATION OPERATIONS IN BENGAL FOR 1882-83.

Areas leased for Irrigation up to end of May 1882.

Circle.	District.	Canal.	Supply of Water in the Canals.			Kharif.								Rabi.					Sugarcane.		Grand Total.				Grand total of the corresponding month of last year.	Rainfall.			Remarks.
						Five-year leases.			Three-year leases.			Annual leases.		Three-year leases.			Annual leases.									Inches during the month.	Inches during 1882-83.	Average of the ten previous years of the same period.	
			Estimated full discharge in cubic feet per second.	Average discharge in cubic feet per second throughout the month.	Estimated discharge utilised.	Leased in May 1882.	Leased up to end of May 1882.	Total, inclusive of unexpired leases of previous years.	Leased in May 1882.	Leased up to end of May 1882.	Total, inclusive of unexpired leases of previous years.	Leased in May 1882.	Leased up to end of May 1882.	Leased in May 1882.	Leased up to end of May 1882.	Total, inclusive of unexpired leases of previous years.	Leased in May 1882.	Leased up to end of May 1882.	Leased in May 1882.	Leased up to end of May 1882.	Kharif.	Rabi.	Sugarcane.	Total.					
			c. ft.	c. ft.	c. ft.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Ins.	Ins.	Ins.	
Orissa	Cuttack	Kendrapara	1,269	were closed for repairs.		...	...	40,081	...	...	13,607	...	...	...	...	...	111	111	...	...	53,688	111	...	53,799	46,873	9·18	11·87	3·94	
		Patamoondee	1,042			...	...	11,272	...	...	796	...	...	...	...	...	...	...	...	...	12,068	...	...	12,068	11,582				
		High Level, Section I	675			...	...	13,567	...	...	626	...	...	...	...	...	...	...	3	8	14,213	...	8	14,221	13,926				
		Taldanda	1,300			...	...	10,076	...	...	932	...	...	...	...	...	...	...	...	...	11,008	...	...	11,008	10,354				
		Matchgong	650			...	...	25,269	...	...	6,197	...	...	...	...	...	...	...	...	...	31,466	...	...	31,466	28,338				
	Balasore	High Level, Section II	727·16			...	...	204	...	...	1,176	...	...	...	...	...	...	...	...	...	1,380	...	...	1,380	1,410				
	Total of the month		...	...	...	...	...	100,489	...	...	23,334	...	...	...	...	...	111	111	3	8	123,823	111	8	123,942	112,483	9·18	11·87	3·94	
	Total of the corresponding month of previous year		...	...	...	...	...	100,573	436	436	11,099	...	...	...	...	...	199	751	24	60	111,672	751	60	112,483	...	0·78	1·38	4·28	
South-Western	Midnapore	Midnapore	875	48	...	...	...	90,420	...	...	75	...	...	...	...	...	...	...	...	...	90,495	...	...	90,495	91,690	7·27	9·95	6·66	
	Howrah	Panchkoorah	300	14	...	...	...	13,337	...	...	30	...	...	...	...	...	...	...	...	...	13,367	...	...	13,367	12,129	8·68	10·19	4·89	
	Total of the month		...	...	...	...	...	103,757	...	...	105	...	...	...	...	...	...	...	...	...	103,862	...	...	103,862	103,819	15·95	20·14	11·55	
	Total of the corresponding month of previous year		...	...	...	...	...	103,520	...	...	299	...	...	...	...	...	...	...	...	...	103,819	...	...	103,819	...	10·12	12·07	13·14	
Sone	Shahabad	Western Main	4,342	were closed for repairs.		590	590	989	...	...	...	...	...	...	...	...	...	...	...	1,214	989	...	1,214	2,203	1,662	0·40	0·40	0·88	
		Buxar	1,226			842	1,677	4,271	...	...	...	...	...	...	...	...	...	...	141	2,975	4,271	..	2,975	7,246	7,272				
		Arrah	1,660			275	526	33,518	...	...	...	...	...	...	...	3,347	...	...	11	6,085	33,518	3,347	6,085	42,950	24,080	1·57	1·62	1·65	
	Patna and Gya	Eastern Main	1,466	483	...	...	88	214	...	...	...	...	...	...	...	...	...	...	4	78	214	...	78	292	15	1·96	1·96	1·40	
		Patna				...	57	6,756	...	...	...	...	...	...	...	...	5	78	586	2,057	6,756	78	2,057	8,891	1,574				
	Total of the month		...	...	...	1,707	2,938	45,748	...	...	...	...	...	...	...	3,347	5	78	742	12,409	45,748	3,425	12,409	61,582	34,603	3·93	3·96	3·93	
	Total of the corresponding month of previous year		...	...	...	1,001	2,419	7,571	...	...	9,280	...	...	...	...	4,352	...	...	2,084	13,400	16,851	4,352	13,400	34,603	...	9·46	10·31	3·93	
	Grand total of the month		...	...	...	1,707	2,938	249,994	...	...	23,439	...	...	...	...	3,347	116	189	745	12,417	273,433	3,536	12,417	289,386	253,905	29·06	35·99	19·42	
	Grand total of the corresponding month of previous year		...	...	...	1,001	2,419	211,664	436	436	20,678	...	...	...	...	4,352	199	751	2,108	13,460	232,342	5,103	13,460	250,905	...	20·36	23·76	21·35	

CALCUTTA,
The 11th July 1882.

G. F. E. S. NEILL, *Major, M.S.C.,*
Asst. Secy. to the Govt. of Bengal,
in the P. W. Dept., Irrigation Branch.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENTS OF PRICES CURRENT OF FOOD-GRAINS FOR THE 1st AND 2nd HALVES OF JUNE 1882, PUBLISHED IN PAGES 924, 925, 978, 979, 986 AND 987 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 8th AND 29th JULY 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	District.	Wheat.			Barley.			Rice. Best sort.			Rice. Common.			Great Millet (Cholum, Jowar), *Holcus Sorghum.*			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.*			Lesser Millets, Ragi, &c (Kavaru, Veragoo, Sawee, Cheena, Coraloo, Murhwa, Nuglee, &c.), *Panicum Miliaceum, Eleusine Coracana, &c.*			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.		
		Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.
		S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.
	1st half of June 1882.																																		
Madras.	Nilgiris (*Revised*)	9 14	9 14	9 14	...	...	...	9 10	9 10	10 6	11 3	12 0	12 0	18 8	20 0	20 0	18 3	19 10	21 0	20 3	20 3	21 10	20 11	21 10	26 8	121 8	121 8	121 8	11 0	11 0	9 3	11 0	11 0	9 3
	2nd half of June 1882																																		
	Nilgiris (*Revised*)	9 14	9 14	9 14	...	...	...	9 10	9 10	11 3	11 3	11 3	12 0	20 0	18 8	23 14	19 10	18 3	23 13	20 3	20 3	21 10	20 11	20 11	26 8	121 8	121 8	121 8	11 0	11 0	9 3	11 0	11 0	9 3
Rajpootana.	Bikaneer	12 4	12 2	10 0	...	...	...	3 1	3 1	2 14	6 8	6 12	6 2	...	...	...	18 8	20 0	13 0	...	...	...	15 0	15 0	11 8	...	...	...	...	...	...	11 8	11 8	11 8

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch.*)

D. M. BARBOUR,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

HOME DEPARTMENT.

MUNICIPAL ELECTIONS IN RANGOON.

No. 287—7R.M., dated Rangoon, 10th July 1882.

From—E. S. Symes, Esq., Junior Secretary to Chief Commissioner, British Burma,

To—The Secretary to the Government of India, Home Department.

I am directed to submit, for the information of the Government of India, a copy of the papers cited in the margin, on the subject of the recent election of members for the Rangoon Municipal Committee.

General Department Notification No. 38, dated the 26th January 1882.
Letter No. 631½, dated 27th June 1882, from President, Rangoon Municipality.
General Department Notification No. 234, dated the 29th June 1882.
Letter No. 286—7R.M., dated the 10th July 1882, to President, Rangoon Municipality.

No. 38, dated Rangoon, 26th January 1882.

NOTIFICATION—By the Chief Commissioner, British Burma.

I.—Under section 5 of "The British Burma Municipal Act, 1874," the Chief Commissioner directs that 18 of the inhabitants of Rangoon, to be appointed by election, shall be a committee for carrying out the purposes of the said Act in Rangoon.

II.—In addition to the 18 members appointed by election as aforesaid, the number of *ex-officio* members, appointed by the Chief Commissioner under section 7 of the Act, shall be six.

III.—Under section 8 of the Act the Chief Commissioner appoints the Deputy Commissioner of the Rangoon Town District to be President of the Rangoon Municipal Committee.

IV.—Under section 5 of the Act the Chief Commissioner makes the following rules regulating the election of members of the Rangoon Municipal Committee, namely,—

1. The first election held under these rules shall be held on or about the last Friday in the month of May 1882. Every subsequent election shall take place on the dates below mentioned, that is to say,—

the general elections shall take place on or about the last Friday in November 1884 and of every subsequent second year so that the newly-elected members of the committee may take their seats on the 1st January following the date of election;

elections to fill vacancies shall be held on some date following the casualty to be notified by the President, provided that no longer period than 30 days shall elapse between the occurrence of any vacancy and the election. A vacancy shall be held to date from the time that written note of the occurrence of such vacancy may be made by the President in the records of the committee.

2. Members shall be elected to represent the different communities and bodies which compose the population of Rangoon, that is to say,—

		Members.
(*a*)	by the Europeans, Americans, Eurasians, Armenians, Jews, and Parsis shall be elected	5
(*b*)	by the Burmese	5
(*c*)	by the Chinese	2
(*d*)	by the Mussulmans	2
(*e*)	by the Hindus	2
(*f*)	by the Port Commissioners, Rangoon	1
(*g*)	by the Chamber of Commerce, Rangoon	1
	Total ...	18

3. The qualifications for a voter at a municipal election shall be—

that he or she be over 21 years of age;

that he or she be possessed of property within municipal limits to a value of not less than Rs. 500, or pay a monthly rental of not less than Rs. 10, or pay rates and taxes to an amount not less than Rs. 5 a year.

4. Any company registered under the Indian Companies Act, 1866, which has paid up its rates and taxes shall be allowed one vote for any community that it shall declare itself as belonging to; such vote to be given through some duly authorised officer of the company.

5. The qualifications required from a candidate for election shall be—

(*a*) that he be over 21 years of age;

(*b*) that he be a duly enrolled voter for some community;

(*c*) that he shall have paid up all rates and taxes due on his behalf up to the end of the quarter next preceding the date of his offering himself for election;

(*d*) that he shall have been requested to stand by any number of duly registered voters of his community not less than 12; such requisition to be in writing;

(*e*) that he shall be possessed of house property of a value not less than Rs. 5,000, or that he shall rent land or house property within the limits of the municipality of a monthly rental not less than Rs. 50, or that he shall be a payer of rates and taxes to an amount not less than Rs. 60 a year;

(*f*) that he does not hold any paid office under the Municipality.

6. No person shall be qualified to be, or continue to be, a member of the committee who is or who becomes a bankrupt or insolvent, or who is interested (otherwise than as a shareholder in a joint-stock company) in any contract with the committee; and no person who is absent from Rangoon for three months consecutively, or who is sentenced to imprisonment for any non-bailable offence, shall be qualified to continue as a member of the committee. In case of the death, resignation, or disqualification as aforesaid of any elected member of the committee, his successor shall be elected in the manner hereinafter provided, and such elected member shall remain on the committee for the residue only of the term for which the member deceased, resigned, or qualified was originally elected.

7. Each voter shall give one vote for each vacancy among the representatives of the community to which he may belong. But no voter may give more than one vote for any one candidate. Voters of mixed nationality shall be allowed to select either of the two communities with which they are connected in which to vote; but no elector shall vote in more than one community, nor, having recorded himself as belonging to any one community, shall a voter be allowed to change.

8. The President of the municipal committee shall prepare, as accurately as he can, a list of all persons qualified to vote for any community, and also a list of all persons qualified, under clauses (*a*), (*b*), (*c*), (*e*), and (*f*) of Rule 5, to become candidates for election to the municipal committee, and shall publish such lists in at least three issues of two or more of the local newspapers not less than four weeks before the day fixed for each general election. Any person whose name is not on those lists, or whose name is upon a wrong list, may apply, either before the publication of the lists in any year, or within fourteen days of the first publication of such lists, to have his name entered in any list or to have his name transferred from one list, to another. The President, if he sees no valid objection, and if he deems the applicant duly qualified, shall comply with such application. If the President does not deem the applicant qualified, he shall lay the case before an election sub-committee of the outgoing members. If the said sub-committee decide by a majority against the applicant, they shall reject the application, and such rejection shall be final so far as concerns the election next following after the rejection.

9. Votes shall be rendered by means of voting-papers, and the expenses of elections, as may be determined by the President, shall be defrayed by the municipality. The President shall notify, in three or more issues of the English and Vernacular local newspapers, at least 14 days before the day appointed, the date upon which, and the places where, voting-papers can be obtained and where the polls shall be established for the collecting of the voting-papers for each community, and the names of qualified candidates who have obtained for any community the further qualification described in clause (*d*) of Rule 5. On the day fixed the polls shall be open from 8 A.M. until 4 P.M. The papers shall contain in writing the name of the person voting, the community he belongs to, and the candidate for whom he votes. The voting-paper shall be stamped by one of the tellers present and placed in a locked box, and at the end of the day lodged in the municipal office. The President shall appoint gentlemen to act as tellers to watch the ballot during the day of the elections. The boxes shall be strongly fastened with a Chubb's lock, the key of which shall be in charge of the President or Secretary, and the boxes shall be opened and the votes sorted by an election sub-committee of the outgoing municipal committee to be appointed for the purpose.

10. The results of the sorting of the votes shall be published by the President within 48 hours of the closing of the poll. And the names standing highest on the poll for each community shall, subject to any alteration made in accordance with the next following rule, be the elected members for each community.

11. At any time within four days of the day of the poll any qualified voter may make in writing to the President an objection against the vote of any voter being recorded. Such objection shall be considered by the President and the election sub-committee of the outgoing committee. If such objection be held valid by a majority of the election sub-committee, or by one-half the members of the sub-committee and the President, such voter's name shall be expunged from the sorter's list, and if necessary, the order of candidates in the published list shall be modified in accordance with such alteration.

12. If any community shall at any time fail or omit to elect its allotted number of Commissioners, the local Government may appoint one or more Commissioners in place of the number deficient to complete the full number allotted.

13. If an equal number of votes shall be given for any two candidates within any community, and the addition of a vote would entitle any of such candidates to be elected, then such additional vote shall be given by the President.

14. Members chosen to represent the Chamber of Commerce and the Port Commissioners shall be elected in such way as each of those bodies respectively may determine. A certificate under the signature of the Chairman of each body shall warrant the President in entering the name mentioned in such certificate in the list of elected members.

15. After the period allowed for objections under Rule 11 shall have expired, the President shall certify to the Chief Commissioner the names of the elected members for each community or body; and the names of the members of the municipal committee for the ensuing term shall be notified in the *British Burma Gazette.*

No. 631½, dated Rangoon, 27th June 1882.

From—K. G. BURNE, Esq., President, Rangoon Municipality,

To—The Secretary to the Chief Commissioner, British Burma.

I have the honour to submit the following report, descriptive of the measures adopted by the Committee and the expenses incurred in giving effect to the scheme for constituting Municipal Boards by election, in lieu of the present system of nomination hitherto observed in this province, and the interest manifested among the different communities of this town, notably the Burmese.

2. As soon as the rules for "Election of members," drafted by the Committee, were approved of by the Local Government, the work of compiling the voters' list was at once commenced, and the lists published without delay.

3. The practice in existence in England for the preparation of voters' lists was *mutatis mutandis* followed here, but a change had to be made on its being pointed out that the system acted on was not in accordance with Rule 8 of the Election Rules.

4. The lists had to be prepared afresh, and republished, but not in time to give the notice required by the same rule.

On this being represented to the Local Government, the election day was postponed from the 23rd of May to the 23rd of June. Although the mistake made in the first preparation of the lists is to be regretted on the score of expense, the postponement may otherwise be regarded with satisfaction, as it gave the people more time to prepare for the coming contest, and considerably more interest was kindled after the second publication than was shewn previously.

5. For purposes of identification the preparation of the lists by wards appears to be preferable to that of separation into communities, as such lists when once correctly made out, and altered from time to time, as occasion may require, would be of great value, not only at election time, but in checking the work of the Thoogyees.

6. As the lists had to be prepared from the assessment rolls in the vernacular, considerable difficulty was experienced in identifying the English and Indian names, owing to the almost impossibility of arriving at any accurate rendering of foreign names into the Burmese character.

7. As regards the names of the European and Burmese communities, few alterations had to be made in the lists, and only in regard to the former.

8. On the whole the lists in English and Burmese were correctly transcribed; and it is curious that although the lists printed in Burmese type at the Burma Herald Press was from the English list, it was not so correct as the latter, thus showing that after a word has been written a few times in different characters the originality, if not entirely lost, is impaired.

9. Simultaneously with the publication of the lists, a time was fixed by the Committee, within which objections might be made to the lists as they stood; and although at first little or no interest was evinced by the general public, a healthier state of things soon set in, and numerous applications were made by persons considering themselves entitled to vote to have their names added to the lists, and a few objections were raised to names already there. The President, aided by an election sub-committee, sat to decide upon all these points.

10. The applications were mostly from a large class of persons resident in Rangoon, and whose names did not appear on the lists, as they neither paid taxes nor rent, but it was contended that they did so indirectly.

The classes were divided into four, namely:—

(1) Employés living rent-free in houses belonging to their employers, such privilege being considered as a part of the salary paid.
(2) Persons chumming together.
(3) Board and lodgers.
(4) Persons residing in clubs.

The claims of the above persons were, after due consideration, admitted under the following conditions:—

(1) *Employés.*—That the monthly rental value of the house belonging to the employer and occupied by the above be not less than Rs. 10, or that the employé's salary be not less than Rs. 100 per mensem.

(2) *Chummeries.*—That persons living together for not less than one month are entitled to vote, provided the rent paid, if equally divided between them, proved sufficient to qualify each person under rule 3 or 5.

(3) *Board and lodgers in private houses or hotels.*—That the stay be not less than one month, and that one-fifth of the charge made for board and lodging in respect to each person is sufficient to qualify under rule 3 or 5.

11. It was also decided that the word "property" referred to in Rule 3 applied to moveable as well as immoveable property, the definition of property as given in the Civil Procedure Code being followed.

It was considered by many that this ruling opened the door for faggot voting; whether it did so, or not, the ruling was, under the circumstances undoubtedly correct, and it was for the President and election sub-committee to decide as to the *bonâ fide* character of each person's claim before admitting the vote. As a matter of fact no advantage was taken of the ruling.

12. Every publicity was given in regard to the measures to be adopted for carrying out the elections; and if any person qualified to vote did not take the trouble to record it, the blame rests upon that person, and not upon the Committee.

13. Under the rules each voter is allowed one vote for each vacancy, among the representatives of the community to which he or she belongs, and as many tickets as there were vacancies in each community were issued; the tickets for each community bore a distinguishing colour.

To suit the convenience of voters, many tickets were issued on application some time previous to the day of the elections; but this led to such extraordinary abuse, that further issue had to be stopped, and all tickets already issued cancelled, and each voter compelled to appear personally at the polling station set apart for his or her quarter, and there to receive one ticket, on the back of which the names of the candidates voted for were written and received back by the tellers.

14. This subsequent alteration met with the entire approval of all right-minded persons, although it was regretted that the change had to be made so shortly before the election day. It had the advantage too of not only checking malpractices, but of making people acquainted with the name of the quarter in which they lived, concerning which many were strangely ignorant.

15. Polling stations were erected at the following places:—

(1) Kemendine.
(2) Junction of Keighly Street and Commissioner's Road.
(3) Junction of Canal Street and China Street.
(4) Ripon Hall.
(5) Poozoondoung.
(6) Municipal Office.

These stations were fixed with due regard to the convenience of voters, and no complaint has been made of the inconvenient distance any voter had to travel to vote.

One voting box was deemed sufficient for all the stations, except the Ripon Hall, where three boxes were placed.

The boxes were secured by Chubb's patent locks.

16. Tellers were appointed for each station, and were assisted by the Thoogyees of the different circles. Rules were drawn up for their guidance.

The Committee sanctioned the disbursement of two goldmohurs a piece to each of the tellers for the duty to be performed, and, taking into consideration the fact that they were in attendance from 8 A.M. to 4 P.M. and again from 4 P.M. until 7-30 P.M., the fee was not excessive, and was well earned by each one.

17. After the second publication of the lists, the Rangoon people began to bestir themselves. A committee was formed by the European community, and canvassing freely carried on.

18. Several meetings, which were largely attended, were held, and they afforded convincing proof of the favour in which the new departure from the hitherto recognised system under which Municipal Government had been carried on was held by the public.

The local press by their criticisms kept up the excitement which waxed warmer as the eventful day approached.

The competition for a seat on the new board was keen amongst the Burmese, whose candidates adopted various means for securing their return, and a free bestowal of money and entertainment of voters was largely resorted to.

19. The tellers were at work punctually at 8 A.M., but the real work of the day did not commence much before noon.

20. Special precautions were taken for preserving the peace. An additional force of constables with three mounted inspectors, Messrs. Molloy, Stuart, and Pusey, patrolled the streets; besides these, four constables were on duty at each of the polling stations to keep order.

21. The police had orders to disarm quietly all persons parading the streets with dahs or other deadly weapons,—a necessary precaution on an occasion of this kind, especially so as rumours were afloat of an intention on the part of certain evil-disposed persons to create a disturbance.

22. The day which was observed as a general holiday, however, passed off quietly; and to the great credit of the town, and the police on duty, no breach of the peace occurred.

23. Commencing from about 10 A.M. until dark crowds paraded the streets, and the polling stations were well patronised by all classes, each voter evincing the greatest eagerness to record his or her vote.

Every man, woman, and child was decked out in holiday attire, and every one brimful of good humour, and bent on making most of the holiday.

24. A large number of hackney carriages were engaged for the occasion at from Rs. 4 to Rs. 5 for the day to convey voters to the poll, and were placarded "Hired for voters only"; this was done by the Burmese as well as the European community, and the drivers reaped a good harvest. Carriages carrying flags and musicians were considered a necessary part of the proceedings.

25. There was a fair number of female voters at the poll bent on exercising "women's rights."

26. They showed themselves to be not one whit behind the men in their attempts at "hocussing" in order to obtain an unlimited number of voting papers; and the same man or woman with solemn countenance applying three or four times over at the ticket window, under the plea of never having received a voting paper, was by no means infrequent, and no doubt afforded amusement enough to them, but not to the tellers.

One case of cheating was brought to notice at the China Street polling station, where a voter was caught *flagrante delicto* changing the name of a candidate voted for for another candidate after his own heart. He had got the ticket from another under some pretext, and his action roused against him strong indignation; and had the police not been there, it is possible he would have been taught a lesson by the crowd.

27. The great crush was at China Street; and it is probable that during the rush which was made shortly before 4 P.M. several were prevented from voting.

28. The accommodation at this station was perhaps hardly sufficient. It would be an advantage to allow the polling stations on the next occasion to be opened at an earlier hour than fixed upon this time or to close later.

29. Immediately on the closing of the poll, the boxes were conveyed to the Municipal Office, and the sorting commenced under the direction of the President and a Member, Mr. Darlington and the Secretary, assisted by the tellers.

The sorting was completed by 7-30 P.M., and the number of votes recorded for each community was shown to be as follows:—

Europeans	2,062
Burmese	7,505

The contest lay between the Europeans and Burmese, as the representatives of the other communities were returned unopposed.

30. The result had to be declared within 48 hours, and 5-30 P.M. on the following day, Saturday, was fixed for the publication of the names of the successful candidates, and some time before the appointed hour a large and enthusiastic crowd assembled outside the Municipal Office which was gaily decorated for the occasion, impatient to know "who had got in"

The presence of the band of the 11th Madras Native Infantry helped to enliven the scene.

31. Punctually at 5-30 P.M. the names of the candidates, with the number of votes obtained, were read out in the order gained, and they were as follows:—

European, &c., Community.

C. R. Cowie	...	366	votes	S. Vertannes	...	157	votes.
Dr. T. F. Pedley	...	354	"	Dr. H. Godbier	...	79	"
J. Stuart	...	313	"	J. A. Cohen	...	74	"
S. Hare	...	310	"	Dr. J. O. Henderson	...	60	"
Revd. Dr. J. E. Marks	...	291	"	Revd J. Packer	...	54	"
M. J. Cohen				... 14 votes.			

Burmese Community.

Oo Ngyoon	...	955	votes.	Moung Khino	...	303	votes.
Moung Hpo Hmyin	...	954	"	Oo Yoon	...	299	"
Ko Myat San	...	951	"	Ko Nyein	...	244	"
Moung Ohn Ghine	...	811	"	Oo Myine	...	227	"
Ko Kwet Nee	...	761	"	Oo Kweh O	...	207	"
Moung Kha	...	675	"	Oo Thine	...	195	"
Moung Hpo Thoung	...	518	"	Moung Oung	...	62	"
Oo Kah	...	326	"	Moung Htoon Oung	...	15	"
Oo Moung Galay				... 2 votes.			

Elected without opposition.

Chinese Community.

L. Shain Tuck,

Mussulman Community.

Aga Ahmed Ispahany. | Ebrahim Agjim.

Hindoo Community.

Bugwan Doss. | P. C. Sen.

and the successful candidates were loudly cheered.

Each one was prevailed upon to address the crowd, and the utterances of the Chinese Member met with marked approval by all; but as the oration was in Chinese, and none of the Chinese could be detected in the crowd, the pleasure which his appearance on the balcony gave arose more from admiration for his pluck, in addressing so large and mixed an audience, than from any ability to understand what he said.

32. The declaration of the poll brought to an end the first election held in British Burma, and the interest which this trial system has evoked on all sides augurs well for Rangoon, and the day will be remembered as marking a decided step forward in the march of civilisation among the inhabitants of this town.

33. The total cost of the election amounts roughly to Rs. 7,820-13-2. The cost has exceeded, perhaps, first anticipations; but taking into consideration the expense incurred in republishing the lists, and the many other expense incidental to a first election, the expenditure is not excessive, and with material on hand, and experience gained on all sides, the expense on the next occasion should be considerably lessened.

The published lists will not only be a valuable guide when the next election takes place, but will be of some service to the Assessment Committee.

34. A charge of bribery and corruption was brought by certain Members of the Burmese community, some of whom were the defeated candidates, and investigated by the President and Election Sub-Committee and thrown out as groundless.

A scrutiny of the votes has been demanded by one of the European defeated candidates; but besides the above, no complaints have been made, and it is a matter for congratulation that everything in connection with the elections has passed of so well.

35. It is a question for future consideration whether it would not be better to give one community the right to vote for another community, and to make a knowledge of the English language a necessary qualification.

36. It only remains to notice the labours of those who have been instrumental in bringing about the successful result as shown on Friday, 23rd June 1882.

37. To Mr. C. J. Brown, the Secretary to the Committee, the Committee tender their best thanks for the unwearied attention he has given in carrying out their orders. The work has been arduous and trying, and the twice preparation of the lists, comprising 14 large volumes, involved no slight labour, which was cheerfully and creditably performed by Mr. Brown and his subordinates, among whom the head clerk, Mr. Wales, the Akoonwoon Moung Tso, and his assistant Moung Chit, deserve special notice.

The Committee also tender their thanks to Mr. Hall, the Officiating Executive Engineer, for the work done by him.

The Committee also desire to recognise the satisfactory manner in which the tellers, Messrs. Coleman, Lenaine, Wales, Jordan, Ward, Finucane, Riddock, Savage, Moung Shway Tso, Abdool Gunny, Moung Chit, Moung Nyo Htoon, Syad Azim Moideen, Mogan Dass, Moung Po Oung, and Mahomed Ally did their work.

No. 234, dated Rangoon, 29th June 1882.

NOTIFICATION—By the Chief Commissioner of British Burma.

In accordance with the recommendation of the present Municipal Committee of Rangoon, an election has been held of members to represent the inhabitants of Rangoon on the Municipal Committee. The newly constituted Committee will take charge of their duties with effect from such date in the beginning of July 1882 as the President of the Committee can arrange for convening the first meeting of the new Committee. From that date the resignation of the members of the present Committee will be accepted, and the Chief Commissioner takes opportunity to thank the outgoing Committee and their predecessors in office for the great public services they have done to the town of Rangoon and to the Local Government. Among the more important recent acts of the outgoing Committee was their resolution of last autumn, that for the future the municipal affairs of the town of Rangoon should be managed by an elective Committee.

The members of the new Committee are—

1. Oo Nyon ... ...
2. Moung Po Myin ... ...
3. Moung Myat San ... ...
4. Moung One Gaing ... ...
5. Moung Kywet Nee ... ...

} who were elected by the Burmese community out of 17 candidates and who polled from 955 to 761 votes apiece.

6. Mr. C. R. Cowie ... ...
7. Dr. T. F. Pedley ... ...
8. Mr. J. Stuart ... ...
9. Mr. Sherlock Hare ... ...
10. Rev. Dr. J. E. Marks ...

} who were elected by the European community out of 11 candidates and who polled from 366 to 291 votes apiece.

11. L. Shain Tuck ... ... who was returned by the Chinese community without contest.

12. No second representative was chosen by the Chinese community.

13.	Mr. P. C. Sen ...	... } who were returned without contest by the Hindu community.
14.	Lalla Bugwan Doss ...	. }
15.	Aga Ahmed Ispahany	... } who were similarly returned by the Moslem community.
16.	Ibrahim Agjim ...	... }
17.	Mr. F. C. Kennedy ...	... who was chosen by the Chamber of Commerce.

18. No representative has as yet been returned by the Port Commissioners.

In accordance with section 7 of the British Burma Municipal Act, 1874, the Chief Commissioner appoints the undermentioned *ex-officio* members of the Municipal Committee, namely,—

		Name of present incumbent.
19.	The Deputy Commissioner of Rangoon. ...	Major M. C. Poole.
20.	The Senior Civil Surgeon of Rangoon.	Surgeon-Major H. Griffith.
21.	The Principal of the Rangoon High School.	Mr. J. H. Gilbert.
22 & 23.	The two Senior Honorary Magistrates of Rangoon, who are at the same time Loogyees of the Shway Dagone Pagoda.	Oo Po Gyee. Oo Po Hnyin.
24.	The Akoonwoon of Rangoon Town District.	Moung Shway Waing.

Under the notification of the 26th January 1882, the Deputy Commissioner of Rangoon will be President of the Municipal Committee of Rangoon until such time as the members of the Committee shall exercise the power of electing one of themselves to be President. From the date of such election being sanctioned by the Chief Commissioner, the Deputy Commissioner, unless he should be chosen by his colleagues to be their President, will be allowed to resign the office of President of the Rangoon Municipal Committee.

No. 286—7R.M., dated Rangoon, 10th July 1882.

From—E. S. Symes, Esq., Junior Secretary to the Chief Commissioner, British Burma,

To—The President of the Rangoon Municipality,

I am directed to acknowledge the receipt of your letter No. 631½, dated the 27th June, submitting a report of the measures adopted for the recent election of members for the Municipal Committee. I am to express the Chief Commissioner's acknowledgments of the trouble taken by the late Committee in the management of the elections; and to convey his congratulations on the results of the first popular election held in Burma. The interest in the matter displayed by the Burmese is especially gratifying as an earnest of the success likely to attend the planting of popular institutions in this province.

2. Some mistakes inseparable from a first attempt of the kind were no doubt made, and the expense incurred was heavier than might have been expected. The experience now gained will be valuable in showing the way to avoid similar errors on future occasions. At the next election in 1884, the rules for election may perhaps require modification in some particulars. Any representations which the newly elected committee may see fit to make in this regard will receive due consideration,

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No. 116, dated Simla, 2nd August 1882,

From—A. Mackenzie, Esq., Secretary to the Government of India, Home Department,

To—The Chief Commissioner of British Burma.

I am directed to acknowledge the receipt of your letter No. 287—7R.M., dated the 10th ultimo, and enclosures, including a report by the President of the Rangoon Municipality giving an account of the proceedings in connection with the recent election of members for the Municipal Committee of that town.

2. In reply I am to say that the Governor General in Council has perused these papers with much interest, and desires to express his gratification at the success which has attended these elections, which are the first that have been held in British Burma.

3. With reference to paragraph 18 of the report, I am to enquire whether in your opinion any special measures are likely to be required to prevent the payment and treating of voters on future occasions. Possibly the knowledge that such proceedings are not allowable would be sufficient to put a stop to these irregularities on the part of the Burmese candidates, who alone are described as having had recourse to them.

A. MACKENZIE,

Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 1st AUGUST 1882.

GENERAL REMARKS.—The rainfall in the extreme south-west of the Madras Presidency and in Coorg has continued to be very heavy. In other parts of the Presidency it has been comparatively light. It has also been light in the Nizam's Territories. In Berar it has been light in the western and heavy in the eastern part. In the Bombay Presidency there has been a partial break in the rains in a few districts, while in others a fair amount of rain has again fallen. In the Central Provinces heavy showers have continued in some districts and fair rain in others.

The Central India and Rajputana States have continued to receive good rain; so also the Punjab and the Rohilkhand, Meerut and Agra Divisions of the North-Western Provinces. In other parts of these Provinces and in Oudh the rainfall has been light. In Bengal rain in varying quantities has fallen in all districts. In Assam the rainfall is reported to be insufficient. In British Burma the falls have been good.

General prospects may be characterised as favourable throughout the country. There is, however, a marked want of rain for rice transplantation in Assam, Bengal, and the eastern parts of the North-Western Provinces. Other crops in the two latter Provinces are doing well. In the Punjab the *kharif* sowings are still in progress in some districts, while in others they have germinated; general prospects are good. In Rajputana and Central India young standing crops have in parts suffered from excessive rain, but prospects are favourable on the whole. In the Central Provinces also the young crops are doing well, and here too a break in the weather is needed for weeding.

In the Bombay Presidency sowings have been almost completed, transplantation of rice crops is in progress, and all crops are doing well, save in parts of the Poona district where more rain is needed. In Berar the *kharif* crops are promising. In the Nizam's Territories they are still being sown. In the Madras Presidency crops have in some districts been somewhat damaged by floods, and in others they require more rain; but general prospects are fair. In Coorg the heavy rains have injured crops, roads, and health; rice transplantation in the more southern parts is proceeding. In British Burma ploughing, sowing, and transplanting are in progress.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(Aug. 3rd)		
Bellary ...	·71 (average of seven stations).	Standing crops generally good, but dry partially withering and worm-eaten; agricultural operations progressing.
Kurnool ...	·26 (average of six stations).	Crops sprouting well; rain much wanted; floods in Tungabadra subsiding; cattle-disease in parts.
Ganjam ...	·65 (average of ten stations).	Standing crops thriving; harvest gingelly, outturn poor; small-pox and cattle-disease exist; cholera subsiding.
Kistna ...	·56 (average of eleven stations).	Standing crops fair, but flooded in seven taluks; small-pox and cattle-disease exist.
Chingleput (Madras) ...	·96 (average of nine stations).	Standing crops good under large tanks and channels; agricultural operations progressing.
Coimbatore ...	·52 (average of seven stations).	Standing crops generally good, though dry damaged by rain-floods and insects in certain taluks; dry crops want rain in parts of one taluk; harvest dry crops, yield about average; small-pox and fever in parts.
Tanjore ...	·92 (average of eight stations).	Standing crops generally good, though damaged by breaches in six taluks; cattle-disease in parts of one taluk.
Madura ...	·30 (average of two stations).	Standing crops fair, but withering in one taluk; harvest paddy in one taluk; cholera in parts.
Malabar ...	12·26 (average of fourteen stations).	First crop partially destroyed by heavy rain; cholera, fever, and cattle-disease in parts, small-pox more general.
Travancore ...	5·43	Rice cultivation greatly damaged by floods; fever slightly prevalent. *General Remarks.*—General prospects fair.
Bombay—(Aug. 2nd)		
Kurrachee ...	No rain	Fever in five talukas; 1 case small-pox in Tatta taluka; river on 31st, 18 feet 11 inches against 15 feet 7 inches last year; much damage to crops by floods; wheat, red rice, and *bajri* in Kurrachee 23, 36 and 32, in Kotri 30, 32 and 44, in Tatta 24, 36 and 40, and in Mirpur Botoro 22, 44 and 40 lbs. per rupee, respectively.
Hyderabad ...	Rain in seven talukas, average fall 1·31; in Hyderabad 1·96.	River in flood; fever in Mirpur taluka; small-pox in Kandiaro taluka; wheat 25, *juari* 45, *bajri* 40, red rice 31½, and white rice 22 lbs. per rupee.
Ahmedabad ...	·61	Total rainfall 25·84; sowing continues; transplantation of rice commenced in some talukas; in Ahmedabad city 3 cholera cases, all fatal; wheat 27 and *bajri* 30 lbs. per rupee.
Baroda ...	·37	Total rainfall 29·41; cholera abating at Manekwara, but has appeared at Amreli; *bajri* 29 and common rice 23 lbs. per rupee.
Surat ...	·27	Total rainfall 31·70; break continues; young crops generally healthy; *juari* 44½ and *nagli* 51 lbs. per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Násik ...	Igatpuri, 5·93; Peint, 2·89; Nandgaon, 1·50; showers elsewhere.	All crops doing well; locusts in Nandgaon; few cases of cholera in Nasik and Nandgaon; wheat 24, *bajri* 36, and rice 25 lbs. per rupee.
Colaba (Bombay) ...	Rain every day except on 29th; total of week 1·70.	Total rainfall to date 55·10, being 8·79 above average; abnormal temperature fell from 1° warm on 26th to 2° cool on 27th, rose to 2° warm on 29th and again fell to 1° cool on 31st, at which it remained on the 1st; vapour in air normal; wind normal from 26th to 28th, afterwards there were abnormal winds from north-east.
Poona ...	.....	Break in weather continues except in Mawal taluka; more rain wanted in Indapur and Bhimthari; young crops thriving; 2 fatal cholera cases in Bhimthari; *bajri* 45½ and *jowari* 57 lbs. per rupee, in Poona *bajri* 36¾ and *jowari* 47¾ lbs. per rupee.
Ahmednagar ...	Total average rainfall 11·09; Sheogaon ·83; Newasa, ·54; Akola, ·41; very slight rain in Nagar, Parner, Jhamkhed, and Sangamner; none in rest.	Sowing of *kharif* completed in Parner, Shrigonda and Karjat and in progress in seven talukas; cattle-disease in Nagar and Sheogaon; cholera—in Nagar 1 case fatal, in Parner 16 cases, 4 fatal; in Shrigonda 16 cases, 8 fatal; *bajri*—maximum 60 lbs. in Jhamkhed, minimum 48 in Kopergaon; *jowari*—maximum 96 in Jhamkhed, minimum 54 in Kopergaon.
Sholapur ...	·14	Total rainfall 17·06; cholera as before 148 cases, 59 deaths; *bajri* 56 lbs. 38 tolas and *juari* 77 lbs. per rupee.
Dharwar	Rain at all stations except Navalgund, Nargund, Gadag, and Ron; maximum at Hangal, 1·40; minimum ·42.	Owing to break in weather, sowing of *juari*, &c., resumed; young crops, except where damaged by excessive rain, promising; slight foot-and-mouth disease among cattle in Bankapur, Hangal, and Ron talukas; scarcity of drinking-water in villages of Nargund petta; prices stationary.
Kanara ...	Karwar, 3·95; Kumpta, 5·62; Sirsi, 8·07; Hallial, 1·62.	Total rainfall 76·72; transplanting in rice-fields completed; all plants healthy, except in low lands; sugarcane thriving; general health good; cattle-disease subsiding; common rice in Karwar 11 seers, in district average 14½ seers per rupee.
Rajkot ...	No rain	Weather fine; crops thriving; health good; *bajri* 26 and *juari* 30 lbs. per rupee.
		General Remarks.—Sowing mostly completed; transplantation in progress; partial break in some districts; young crops doing well; fever and cattle-disease in a few districts; cholera in Satara, Sholapur, Ahmednagar, and parts of Kathiawar.
Bengal—(Aug. 2nd)		
Chittagong ...	1·59	More rain wanted; prospects of crops not very promising; cultivation of *amun* going on; prices somewhat high; cholera, small-pox, and cattle-disease not abated.
Dacca ...	·56	Rain still required for paddy and other crops; harvesting of jute and *aus* rice continues; some cholera in town.
24-Pergunnahs (Calcutta)	1·04	Prospects of jute, early rice, and sugarcane good; transplanting of *amun* going on; more rain wanted; prices unchanged; public health generally good; a few cases of small-pox amongst cattle reported from Bahraitch subdivision.
Moorshedabad ...	·49	Harvesting of *bhadoi* commenced in some places; transplanting of *amun* going on, but somewhat retarded for want of sufficient rain; fever reported from Gokurm and Rangamati.
Rajshahye ...	·36	Paddy and other crops beginning to suffer considerably from want of rain; harvesting of *kaon* and *aus* paddy commenced; prices rising; fever general; some cases of cholera.
Burdwan ...	·8	Rain wanted throughout the district, especially in Katwa subdivision; cholera reported from parts of Sadr subdivision.
Rungpore ...	·54	Weather hot and dry; transplanting of winter rice at a standstill for want of rain; prospects of other crops good; good crops of jute and early rice being harvested; public health good.
Bhagálpur ...	·32	Rain wanted for transplanting rice; prospects of autumn crops good.
Purneah ...	1·54	Rain much wanted; rice damaged by drought; ploughing for cold weather crops general; health fair; Kosi low, Ganges very high.
Patna ...	·28	A heavy fall in the south; prospects of autumn crops good; more rain required for transplanting rice; cholera still reported from Barrh and Behar subdivisions.
Durbhunga ...	1·42	Rain badly wanted everywhere for transplanting rice; a fair *bhadoi* harvest expected; prices stationary, with inclination to rise; cholera nearly gone.
Hazáribágh ...	1·31	Occasional clouds; *bhadoi* crops promising; more rain wanted for transplanting rice; cholera and small-pox still reported; public health generally good.
Cuttack ...	·92	*Beali* and *sarad* rice being reploughed and progressing well in Jaipur; rivers have overflowed their banks, no damage to crops; cholera disappearing.
		General Remarks.—Rainfall still very deficient in most parts of this province; prospects of late rice generally not very favourable, save in Orissa and parts of Chota Nagpur and in a few other districts where good rain has fallen; transplanting being interfered with, in places it is quite at a standstill; early crops however doing well, but are also in want of rain in some places; fever has appeared in some districts; cases of cholera still reported from some places.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—		
Benares (Aug. 1st)	Benares, ·6; Chandauli, 1·20; Gungapur, *nil.*	Rain needed for transplanting late rice; health of cattle good; cholera decreasing, but still prevalent in the city and its environs; some complaints of fever in the Gungapur tahsil; bazars well supplied; prices steady.
Allahabad („ 2nd)	Very little rain during week.	More rain wanted for transplanting rice; crops however doing very well; some sporadic cholera, but not much considering season; slight cattle-disease reported; prices falling.
Gorakhpur („ 1st)	No rain except a few local showers since 4th.	Rice beginning to suffer; rain greatly needed; condition of people good; prices continue to rise; some cattle-disease and cholera prevalent.
Jhánsi (July 31st)	Rain from 7·0 in Jhánsi pargana to 1·0 in Moth pargana.	Crops in light *rankar* soil promise well, those in *mar* soil being injured by rain; a break is greatly wanted; *tur* and *bajra* still being sown; cholera reported to-day from Gursarailaga.
Cawnpore (Aug. 1st)	Average rain over 1·30	Weather clear; crops flourishing; cholera continues; prices slightly fallen.
Agra („ „)	Rain in all parganas from ·7 to 6·20.	Crops in low lands suffering from continued wet weather; floods reported from west of Fatehpur-Sikri; a break much needed; slight fever in six parganas; cholera somewhat abating in Ferozabad; general health good; prices stationary.
Bareilly („ „)	.....	Weather seasonable; prospects good; a few deaths from cholera reported.
Meerut („ „)	Meerut, 1·20; Hapur, ·7; Baghpat, 2·70; Mowana, 1·40; Ghaziabad, 1·70; Sirdhana, 1·60.	Weather seasonable and rains opportune; health good; crops flourishing; *rabi* ploughings commenced; prices a little risen.
Farukhabad („ „)	Showers in four tahsils; rain lighter.	More rain wanted; prices steady; markets well supplied; health good.
Kumaun („ „)	.....	Prospects of crops very good; *máhámari* in two villages, 11 deaths; cattle-disease less; prices slightly lower.
Rae Bareli („ „)	Sadr, 2·80; Dalmau, 2·00; Digbijaiganj, ·6; Salon, 1·80.	Prospects favourable; cholera still continues; cattle-disease has again broken out in tahsil Dalmau; prices stationary.
Lucknow („ „)	Lucknow, ·5; Malihabad, 1·20; Mohanlalganj, ·1.	Crops in good condition; weeding commenced; cholera still continues in city and district; prices steady.
Partabgarh („ „)	Good rain at Kunda, a heavy shower has fallen at Sadr.	Rain wanted badly at Sadr and north and west of Patti, where crops are beginning to suffer; at Sadr wind easterly; sky clear.
Sitapur („ „)	No rain in Sitapur and Sirdhauli, very little in other tahsils.	Rice much injured, also *sawan* in tahsil Sitapur, otherwise crops still fair; cholera much on the increase; supplies plentiful.
Fyzabad („ „)	·8	Weeding commenced; weather cloudy; cholera continues; cattle-disease appeared at tahsil Akbarpur.
		General Remarks.—Good rain and prospects excellent in Meerut, Agra, and Rohilkhand divisions, and a break would be beneficial in Agra, elsewhere rains lighter, and more is required, especially in Benares Division, for rice crops; prices on the whole stationary; cholera continues in eastern district, otherwise health good; cattle-disease has again appeared in eastern districts, but is less in Kumaon.
Punjab—(Aug. 1st)		
Delhi ...	4·60	*Kharif* prospects good; health good; prices falling.
Hissar ...	4·0	*Kharif* prospects good; health good; prices stationary.
Umballa ...	1·60	*Kharif* sowings nearly finished; health good; prices steady.
Jullundur ...	3·0	Health good; prices steady.
Amritsar ...	2·60	*Kharif* sowings continue; prices stationary; health good.
Sialkot ...	3·0	Health good; prices steady.
Lahore ...	8·0	Health good; prices stationary.
Ferozepore ...	1·60	*Kharif* sowings in progress; fall in prices of grain and *juar.*
Mooltan ...	·50	*Kharif* crops good; health good; prices stationary.
Rawalpindi ...	4·0	*Kharif* crops in progress; cattle-disease in tahsils Rawalpindi and Murree and a few cases of measles in Pindigheb; slight rise in price of wheat.
Dera Ismail Khan ...	·70	*Kharif* crops good; health good; prices falling.
Peshawar ...	1·90	*Kharif* sowings in progress; health good; prices falling.
		General Remarks.—Good rain has fallen throughout the province; *kharif* sowings in progress; health good, but a few cases of measles are reported from Pindigheb, and rinderpest has appeared in tahsils Rawalpindi and Murree; prices of food-grains generally are stationary.
Central Provinces—		
Nagpur (Aug. 2nd)	1·27	Crops promise well, but break required; isolated cases of cholera; prices steady.
Jubbulpore („ 1st)	2·93	Weather cloudy, showery; break needed; sowings continue; crops doing well; cholera and small-pox reported; wheat 17 seers per rupee.
Saugor (July 31st)	4·96	Slight damage to crops by excessive rain; few cases of cholera; prices steady.
Seoni (Aug. 1st)	1·95	Weather close with showers; cholera and cattle-disease still continue; wheat 19 seers per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Central Provinces— *contd.*		
Khandwa (Augst 1st)	·32	Weather cloudy; weeding operations commenced; clear weather needed; cholera slightly prevalent; wheat 12 seers per rupee.
Hoshangabad („ „)	2·04	*Kharif* suffering from continuous rain; break needed; small-pox and cholera reported; wheat 15 seers per rupee.
Raipur ...	.....	No report received.
Sambalpur (July 27th)	4·28	Weather seasonable; prospects of crops and health good; rice 56 seers per rupee.
		General Remarks.—Weather cloudy, with rain in most districts; break needed for weeding purposes; prospects of crops favourable, but slightly damaged from incessant rain; cholera still prevalent, with few cases of small-pox; prices stationary.
British Burma— (July 29th)		
Akyab ...	11·16	Total rainfall 135·08; 15 deaths from cholera in two townships; slight small-pox in two townships, otherwise public health good; cattle-disease prevalent in six townships and severe in four; sowing in progress.
Rangoon ...	2·08	Total rainfall 44·02; public health good; ploughing progressing.
Bassein ...	7·81	Total rainfall 67·39; 1 death from cholera in town and 14 in district, otherwise public health good; cattle-disease in three townships; ploughing and planting out progressing.
Prome ...	1·97	Total rainfall 21·08; 1 death from cholera in town and 89 in the district; cattle-disease much the same; ploughing very backward, especially in one district.
Amherst (Moulmein) ...	3·25	Total rainfall 113·08; public health good, both in Moulmein and district; cattle-disease reported in five townships; ploughing and sowing still going on.
Toungoo ...	2·45	Total rainfall 46·47; 2 deaths from small-pox in district, otherwise public health good; 35 deaths from cattle-disease in district.
		General Remarks.—Cholera prevalent in Prome and Henzada, some also in Akyab, Tharrawaddy, Bassein, and Thonegwa, otherwise public health generally good; cattle-disease continues; rain sufficient except in Prome and Thayetmyo; ploughing, sowing, and transplanting going on well.
Assam—(Aug. 2nd)		
Gauhati ...	3·04	Weather very hot; rain much wanted for transplanting operations; public health good.
Sylhet ...	1·60	Continued drought at this time of year very serious; bad accounts from all parts of the district; prospects gloomy.
Cachar ...	1·58	Weather extremely warm; transplanting *sali* crops continues, but much retarded for want of rain; state of *dumahi* and *murali* crops favourable; tea doing well; common rice 26⅝ seers per rupee; 1 case of small-pox reported from Halikandi; deaths of 142 buffaloes and 208 cows by cattle-disease during July reported from Sadr station; 22 buffaloes and 26 cows now attacked with the disease; rain very much wanted.
Dibrugarh ...	1·83	Weather sultry; *aus* paddy being cut; more rain wanted for transplanting *sali* paddy; public health generally good; cattle-disease still reported.
Mysore and Coorg— (Aug. 2nd)		
Bangalore ...	.....	No report received.
Mysore ...	.....	No report received.
Mercara ...	17·3	Total rainfall during July 101·64 inches greater than ever known, proving injurious to roads, crops, and health; rice being transplanted in South Coorg.
Berar & Hyderabad— (Aug. 2nd)		
Amráoti ...	3·23	*Kharif* crops in good condition; wheat 18 and *juari* 30 seers per rupee.
Akola ...	·05	Weather warm and cloudy; *kharif* crops promising.
Hyderabad ...	45	Total rainfall from 1st January 11·38; *kharif* crops being sown; fever and cattle-disease prevail in some places; prices—wheat 15¾, coarse rice 10, white *juari* 25, yellow *juari* 25¼, and *tur* 25¼ seers per Halli sicca rupee.
Central India States— (Aug. 2nd)		
Indore ...	2·71	The crops on low-lying grounds have been somewhat damaged by excessive rain, otherwise prospects are favourable; health good.
Morar (Gwalior) ...	2·49	Health and prospects good.
Sutna ..	3·33	Health good.
Rutlam ...	.....	No report received.
Neemuch ...	3·88	Health good; crops thriving.
Goona ...	3·24	Prospects good.
Bhopal ...	·90	Health and prospects good.
Agar ...	·20	Cholera at Rutlam, but disease on the decrease.
Nowgong ...	2·32	Fine weather much wanted; health good; prices stationary.
Manpur ...	·70	Break in rain has proved beneficial to *juar* and *makka* crops; health good.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Rajputana—		
Abu (Aug. 2nd)	1·70	Break occasionally ; weather warm.
Sirohi (July 30th)	.....	Wells, tanks, health, and prospects good ; weather clear.
Marwar („ 28th)	2·60	Two months' water in tanks ; wells almost full ; health good ; crops in infancy, but doing well ; weather cloudy ; more rain expected ; prices stationary.
Meywar („ 29th)	0·16	Tanks and wells good ; diarrhœa and dysentery prevail ; crops very good.
Harowti („ 29th)	Deoli, 2·30 ; Kotah, 2·49 ; Tonk, 2 55 ; Shahpura (previous week), 4·25.	Cholera prevalent at Tonk, some cases at Shahpura ; crops suffering from too much rain ; a break in rains needed.
Jhallawar („ 26th)	10·61	Weather cloudy ; *makka* crops damaged from too much rain.
Ajmere (Aug. 1st)	.....	Weather breaking ; prospects good ; cholera still hanging about in Ajmere.
Jeypore („ „)	3·85	Cholera reported in Jeypore city, averaging 4 or 5 fatal cases daily ; prices stationary.
Ulwur („ „)	4·18½	Damage in places from excessive rain, otherwise prospects good, tanks and wells full ; prices—barley, gram, and wheat falling, *juar* and *bajra* steady.
Nepal—		
Katmandu (July 27th)	3·36	The transplanted rice crop is thriving ; rain falls almost every night ; the days are fine but cloudy.

E. C. BUCK,
Secy. to the Govt. of India.

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☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

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Nothing for publication.

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Nothing for publication.

SUPPLEMENT No. 32.

PART I.

Government of India Notifications, Appointments, Promotions, &c.

HOME DEPARTMENT.

NOTIFICATIONS.—PUBLIC.

Simla, the 7th August 1882.

No. 1194.—In modification of Home Department Notification No. 1617, dated the 7th October 1881, the Governor General in Council is pleased to declare that licenses for the importation, possession, or transport of sulphur, proved to the satisfaction of the Local Government or Administration concerned to be intended only for *bonâ fide* medicinal, manufacturing, or agricultural purposes, may be granted without payment of any fee.

The 10th August 1882.

No. 1215.—In exercise of the powers conferred by Section 8, Act XVII of 1875 (The Burma Courts Act, 1875), the Governor General in Council is pleased to establish a Court, to be called the Court of the Extra Assistant Commissioner, Tharrawaddy district head-quarters, the local limits of the jurisdiction of which shall include the following circles:—

1. Thonezeh.
2. Sadotheeree.

ESTABLISHMENTS.

The 9th August 1882.

No. 300.—Mr. J. B. Fuller, C.S., Assistant Director of Agriculture and Commerce, North-Western Provinces and Oudh, is appointed to officiate as Junior Secretary to the Chief Commissioner and Director of Agriculture in the Central Provinces, during the temporary appointment of Mr. A. H. L. Fraser, C.S., as Secretary to the Chief Commissioner, or until further orders.

MEDICAL.

The 9th August 1882.

No. 346.—The services of Surgeon R. J. Taaffe, M.B., are temporarily placed at the disposal of the Government of the Punjab.

SANITARY.

The 9th August 1882.

No. 271.—Surgeon-Major W. Center, M.B., Professor, Lahore Medical School, and Chemical Examiner to the Government of the Punjab, is appointed to officiate as Statistical Officer to the Government of India in the Sanitary and Medical Departments during the absence on leave of Surgeon-Major A. Stephen, M.B., or until further orders.

JUDICIAL.

The 11th August 1882.

No. 1163.—The Hon'ble L. R. Tottenham, a Judge of the High Court of Judicature at Fort William in Bengal, has obtained privilege leave for one month, with effect from the 23rd November next, or from any subsequent date on which he may avail himself of it.

A. MACKENZIE,
Secy. to the Govt. of India.

REVENUE AND AGRICULTURAL DEPARTMENT.

NOTIFICATION.—GENERAL.

Simla, the 11th August 1882.

No. 529 *G.*—With reference to Notification No. 16C., dated the 25th November 1881, it is hereby notified that Mr. C. L. Tupper, C.S., performed the duties of Secretary to the Government of India in the Revenue and Agricultural Department from the 16th December 1881 to the 9th February 1882, and was on special duty from 10th February to the 8th March 1882, his services being placed at the disposal of the Government of the Punjab from the 9th idem.

E. C. BUCK,
Secy. to the Govt. of India.

FOREIGN DEPARTMENT.

NOTIFICATIONS.—GENERAL.

Simla, the 8th August 1882.

No. 346 *G.*—Captain H. A. Vincent, Bombay Staff Corps, Officiating 2nd Squadron Commander, 1st Regiment, Central India Horse, is appointed to officiate as Political Assistant, Goona, in addition to his own duties, during the absence on privilege leave of Brevet Lieutenant-Colonel H. M. Buller.

POLITICAL.

The 8th August 1882.

No. 341 *G.*—His Excellency the Viceroy and Governor General in Council is pleased to recognise the appointment of Mr. Martin Gutteling, Acting Consul for Sweden and Norway, as Vice-Consul for Sweden and Norway at Calcutta.

The 10th August 1882.

No. 373 *G.*—His Excellency the Viceroy and Governor General is pleased to confer upon Ochorram Mitharam, Assistant Political Agent, Mahi Kantha, the title of "Rao Bahadur," as a personal distinction.

C. GRANT,
Secy. to the Govt. of India.

DEPARTMENT OF FINANCE AND COMMERCE.

NOTIFICATIONS.

Simla, the 11th August 1882.

No. 3084.—In accordance with the Resolution of the Government of India in the Financial Department, No. 59, dated 11th January 1882, notice is hereby given that the original Promissory Notes mentioned on the subjoined list (of which duplicates have been applied for on the allegation that the originals have been lost) will be discharged at the General Treasury of Fort William on December 1st, 1882, with all interest due upon them, and that upon that date all further interest upon such notes shall cease :—

No. of the Note.	Value.	In whose name issued.	From what date bearing interest.	Claimant for duplicate.	Remarks.
	Rs.				
000478, 3½ per cent., 1853-54	5,000	Shama Sundary	Feb. 29, 1876	Shama Sundary ...	Case No. 13
ct. 001565, 4 per cent., 1832-33	2,000	M. Amoorthlingum ..	May 1, 1878	P. Ramasawmy Moodeliar	„ 12
ct. 001566 „ „	3,000	Ditto	Ditto	Ditto	„ 12
008612 „ 1835-36	1,000	Kadumbini Dabee	Sept. 30, 1874	Hura Kumar Gossain and Soorjee Kumar Gossain.	„ 8
011382 „ „	1,000	Ditto ..	Ditto		
015719 „ „	1,000	Bank of Bengal .	Mar. 31, 1877	Heera Lall	„ 8
008595 „ „	1,000	Prem Chund Bose .	Sept. 30, 1870	Sham Chund Bose	„ 15
021731 „ 1842-43	2,000	Ramlall Buddredoss	Feb. 1, 1854	Moonshi Newal Kissore	362
056608 „ „	1,000	Oriental Bank Corporation	Feb. 1, 1878	Degumberry Dabee	355
035874 „ „	1,000	Bank of Bengal	Feb. 1, 1877	Bhoobunesurry Dabee	„ „
019889 „ „	5,400	Kadumbini Dabee	Feb. 1, 1875	Kurroo Kumar Gossain and Soorjee Kumar Gossain.	„ 3
045164 „ „	1,000	Mungamur Lakshminarsoo and Mungamur Lakshmamma.	Aug. 1, 1879	Mungamur Lakshminarsoo and Mungamur Lakshmamma.	„ 2
035982 „ 1854-55	1,800	Ditto	June 30, 1879	Ditto	
019182 „ „	500	Prem Chund Bose .	Dec. 31, 1870	Sham Chund Bose	„ 15
086119 „ 1865	500	Troylucko Mohinee Dassee	Nov. 1, 1877	Troylucko Mohinee Dassee ..	430
099215 „ „	1,000	Baroda Prasad Mookerjee and another.	May 1, 1879	Ishan Chander Bose ...	7
107595 „ „	500	Ditto	Ditto	Ditto .	
095796 „ „	1,000	Bank of Bengal	May 1, 1877	Heera Lall ...	„ 8
090048 „ „	500	Luckmeechand Radhakisen	May 1, 1879	Shoobol Chundra Sen .	„ 11
008770; 4½ per cent., 1872	500	Bunsi Lall Abeerchand ..	July 16, 1874	P. Doorgachellum Moodelliar	„ 1
043475 „ „	4,000	Jose Francisco dePiedade Pereira.	Jan. 16, 1872	Jose Andre Pereira	„ 9
*060633 of Rd. 4 per cent. of 1879.	2,500	Nurshingh Doss ..	July 16, 1881	Treasury Officer, Lahore, on behalf of Nurshingh Doss.	„ 455
*17528 of 4 per cent. of 1842-43.	500	Beeressur Bose ...	Aug. 1, 1867	Digumberry Dossee .	„ 236

* Duplicates of these notes have been issued.

The following lists of notes which were advertised for discharge in Notification No. 1195, dated 24th February 1882, are republished in accordance with Financial Department Resolution No. 59, dated 11th January 1882.

No. 1.

List of Government Promissory Notes advertised on which interest is paid under orders of the Comptroller General, but duplicates of which have not yet been issued subsequent to Financial Notification dated 4th September 1873.

No. of the Note.			Value.	In whose name issued.	From what date bearing interest.	Claimant for duplicate.	Remarks.
			Rs.				
000078,	3½ per cent.,	1853-54	1,000	Mootoo Sawmy Pillay ...	Aug. 31, 1871	Mootoo Sawmy Pillay.	
65	4 „	1832-33	3,400	J. A. Hawkins, Registrar, Sudder Dewany Adalat.	May 1, 1852	Ranee Chunder Cally Dabee, Executrix of Raja Gunnesh Chunder Roy.	
14663	„	„	5,000	Motee Khannum ...	Nov. 1, 1856	Motee Khannum.	
ct.4403	„	„	6,500	The Registrar, Sudder Dewany Adalat.	May 1, 1872	Monee Brinddoo Dabee, by her attorney, Jogendro Lall Mookerjee.	
000936	„	„	2,000	Hurrish Chunder Ghuttuck	Nov. 1, 1873	Hurrish Chunder Ghuttuck.	
ct.8339	„	1835-36	500	Krishto Mohun Mitter ...	Mar. 31, 1863	Madhub Chunder Chatterjee.	
2709	„	„	1,000	Mottee Khannum ...	Sept. 30, 1856	Motee Khannum.	
005940	„	„	2,800	Mootoo Sawmy Pillay ...	Sept. 30, 1871	Mootoo Sawmy Pillay.	
10948	„	„	500	James English ...	Mar. 31, 1868	Madho Mistry.	
006592	„	„	500	Hurrish Chunder Ghuttuck	Mar. 31, 1873	Hurrish Chunder Ghuttuck.	
006296	„	„	500	Ditto	Sept. 30, 1873	Ditto.	
005783	„	„	600	Nobokissory Dasee ...	Sept. 30, 1872	Nobokissory Dasee.	
001262	„	„	1,000	Sreenauth Mookerjee ...	Mar. 31, 1871	Doyal Chund Seal.	
000671	„	„	2,000	Ladli Persaud ...	Ditto	Ladli Persaud.	
009710	„	„	500	Rajnarain Chatterjee ...	Mar. 31, 1875	Rajnarain Chatterjee.	
007603	„	1842-43	3,500	Mootoo Sawmy Pillay ...	Aug. 1, 1871	Mootoo Sawmy Pillay.	
016383	„	„	500	Balerustna Myaram ...	Aug. 1, 1870	Balerustna Myaram.	
017477	„	„	5,000	Wazeeroonnissa Khanum ...	Aug. 1, 1872	Yakool Ally Khan.	
017479	„	„	2,000	Ditto ...	Ditto	Ditto.	
20822	„	„	500	Hurry Nauth Mookerjee ...	Feb. 1, 1861	Behary Bhoosun Mookerjee.	
21200	„	„	500	Ditto ...	Ditto	Ditto.	
024259	„	„	1,000	Bholanauth Mitter ...	Feb. 1, 1873	Bholanauth Mitter.	
024261	„	„	1,000	Ditto ...	Ditto	Ditto.	
011852	„	„	1,000	Netye Churn Bysack ...	Ditto	Nabee Buksh Shekdar.	
029914	„	„	1,000	Tarra Soondery Dabee ...	Aug. 1, 1874	Tarra Soondery Dabee.	
17528	„	„	500	.....	Aug. 1, 1867	Degumbery Dassee.	
013697	„	„	500	Hurrish Chunder Ghuttuck	Feb. 1, 1873	Hurrish Chunder Ghuttuck.	
013698	„	„	500	Ditto	Ditto	Ditto.	
013699	„	„	1,000	Ditto	Feb. 1, 1874	Ditto.	
023259	„	„	1,000	Ditto	Aug 1, 1873	Ditto.	
014164	„	„	1,000	Ditto	Ditto	Ditto.	
013431	„	„	500	Ditto	Feb. 1, 1873	Ditto.	
014326	„	„	500	Ditto	Aug. 1, 1873	Ditto.	
ct.14914	„	„	1,000	The Bank of Bengal ...	Aug. 1, 1871	Doyal Chund Seal.	
18998	„	„	1,000	Pettumber Dhur ...	Ditto	Ditto.	
3166	„	„	500	Bama Cally Dabee ...	Feb. 1, 1872	Bama Cally Dabee.	
034182	„	„	1,000	Jeevunjee Bomanjee Harmusjee Pestonjee and Fuckerjee Lunjee.	Aug. 1, 1874	Harmusjee Pestonjee and Fuckerjee Lunjee.	
002540	„	„	1,000	Peary Mohun Gossamy ...	Aug. 1, 1876	Gurn Churn Chuckerbutty.	
040876	„	„	5,000	Bepro Dass Dass ...	Aug. 1, 1877	Bepro Dass Dass.	
075291	„	„	10,000	Penumatcha Sectaramaraga	Ditto	Penumatcha Sectaramaraga Garra.	
029160	„	„	4,000	Mothoora Nauth Sircar ...	Feb. 1, 1878	Nilcunto Pall.	
ct. 401	„	1854-55	1,000	Gopal Chund Seal & Co. ...	Dec. 31, 1862	Madhub Chunder Chatterjee.	
33666	„	„	4,100	Motee Khannum ...	Dec. 31, 1856	Motee Khannum.	
25289	„	„	2,000	Mootoo Sawmy Pillay ..	June 30, 1871	Mootoo Sawmy Pillay.	
014123	„	„	1,000	Hurrish Chunder Ghuttuck	Dec. 31, 1873	Hurrish Chunder Ghuttuck.	
024588	„	„	1,000	Ditto	Ditto	Ditto.	
43985	„	„	1,000	Pettumber Dhur ...	June 30, 1871	Doyal Chund Seal.	
021160	„	„	500	Khetter Gopal Sen ...	June 30, 1873	Khetter Gopal Sen.	
027795	„	„	1,000	Kahandoss Muncharam ...	Dec. 31, 1877	Gordhunbhai Doyaram.	
034705	„	„	1,000	J. H. Belchambers, W. L. Wenger, G. S. Sykes, and R. Williamson	June 30, 1878	Survivors of the holders.	
2766	„	1865	500	Modhoo Soodun Bose ...	May 1, 1867	Saroda Churn Bose.	
041413	„	„	500	Goolab Shunker Doobey ...	Nov. 1, 1872	Golab Shunker Doobey.	
045261	„	„	1,000	The Bank of Bengal ...	Nov. 1, 1873	Byramjee Harmusjee.	
003830	„	„	2,000	Netye Churn Bysack ...	Nov. 1, 1872	Nabee Buksh Shekdar.	
1305	„	„	500	Toolsey Dass Mullick ...	May 1, 1873	Wooma Churn Chuckerbutty.	
017194	„	„	500	Hurrish Chunder Ghuttuck	Ditto	Hurrish Chunder Ghuttuck.	
052804	„	„	500	Gopal Chunder Sreemany ...	Ditto	Ram Gopal Paul and Reno Nauth Ruckhit.	
055837	„	„	500	Bijraj Jagram ...	Ditto	Ditto.	
028408	„	„	500	Khetter Gopal Sen ...	Nov. 1, 1873	Khetter Gopal Sen.	
037506	„	„	500	The Bank of Bengal ...	Nov. 1, 1875	Comul Churn Endro.	
082310	„	„	3,000	Joggon Mohinee Dabee ...	May 1, 1876	Joggon Mohinee Dabee.	
060464	„	„	500	The National Bank of India, Limited.	Nov. 1, 1874	Octavius Steel.	
059217	„	„	900	Ditto	Ditto	Ditto.	
060053	„	„	600	Ditto	Ditto	Ditto.	
085045	„	„	5,000	Dr. Charles, J. Jackson, and Wm. M. Souttar.	May 1, 1877	Sreeram Chunder Pal.	

No. of the Note.	Value.	In whose name issued.	From what date bearing interest.	Claimant for duplicate.	Remarks.
	Rs.				
087736, 4 per cent., 1865	5,000	Modhoobun Dass Dwarka Dass	May 1, 1877	Jadob Chunder Pal.	
002175 " "	2,000	Brojo Nauth Mullick and others, Executors of Tarruck Nauth Mullick.	May 1, 1876	Sheik Nazir Mundle and Sheik Syed Mundle.	
036859 " "	1,000	E. E. J. Tweedie ...	Nov. 1, 1875	Prosono Coomar Bose.	
060583 " "	1,300	The Administrator General, Bengal.	Nov. 1, 1877	The Deputy Commr. of Delhi, Admr. of G. D. E. Dorris.	
063409 " "	5,000	Dheer Chund Paul ...	Ditto	Dheer Chund Paul.	
063410 " "	5,000	Ditto ...	Ditto	Ditto.	
063411 " "	2,000	Ditto ...	Ditto	Ditto.	
063412 " "	500	Ditto ...	Ditto	Ditto.	
063413 " "	500	Ditto ...	Ditto	Ditto.	
063618 " "	1,500	Ditto ...	Ditto	Ditto.	
066944 " "	500	Bissonauth Bakchee ...	May 1, 1878	Prossono Coomar Bakchee.	
093935 " "	500	J. H. Belchambers, W. L. Wenger, G. S. Sykes, and R. Williamson.	Ditto	Survivors of the holders.	
004614, 4½ per cent., 1872	800	The Chartered Mercantile Bank of India, London, and China.	Jan. 16, 1872	Khettur Nauth Moostophi and Chundergutty Moostophi.	
001407 " "	500	Hurrish Chunder Ghuttuck	Jan. 16, 1874	Hurrish Chunder Ghuttuck.	
004534 " "	1,000	Ditto ...	July 16, 1873	Ditto.	
023973 " "	5,000	Beethal Persaud ...	Ditto	Beethal Persaud.	
007068 " "	500	Mooktamoni Dabee ...	Jan. 16, 1872	Mooktamoni Dabee.	
013984 " "	500	Dinonauth Gangooly ...	Ditto	Dinonauth Gangooly.	
032999 " "	1,000	Mooktamoni Dabee ...	Ditto	Mooktamoni Dabee.	
034511 " "	500	Ditto ...	Ditto	Ditto.	
012607 " "	1,000	Pundit Sheo Churn ...	Ditto	Pundit Sheo Churn.	
056278 " "	500	Charcoondah Rama Chundriah.	July 16, 1876	Charcoondah Rama Chundriah.	
054501 " "	1,100	Ramtaruk Mookerjee ...	July 16, 1877	Kadumbini Dabee.	
027398 " "	1,000	Nowrojee Bazonjee Fuckerjee.	Jan. 16, 1877	Merwanjee Franjee Moody and Jerbai.	
024163 " "	1,000	Dhunjeebhoy Nanobhoy ...	Ditto	Ditto.	
028833 " "	1,000	J. W. Chisholm ...	Ditto	Ditto.	
028834 " "	1,000	Ditto ...	Ditto	Ditto.	
041272 " "	1,000	C. M. H. Day ...	Jan. 16, 1875	Vullub Dass Heera Chund.	
049224 " "	1,000	Kahandass Muncharam ...	Jan. 16, 1878	Gordhunbhai Doyram.	
049225 " "	1,000	Ditto ...	Ditto	Ditto.	
005172 " "	1,000	Bhoobun Mohinee Dassee ...	Jan. 16, 1877	Bhoobun Mohinee Dassee.	
Total Rs.	1,48,200				

No. 2.

List of lost Government Promissory Notes advertised, duplicates of which have been issued under orders of the Comptroller General subsequent to Financial Notification, dated 4th September 1873.

No. of the Note.	Value.	In whose name issued.	From what date bearing interest.	Claimant for duplicate.	Remarks.
	Rs.				
490, 3½ per cent., 1853-54	10,000	Shama Soondry ...	Feb. 28, 1867	Shama Soondry.	
491 " "	10,000	Ditto ...	Ditto	Ditto.	
492 " "	3,000	Ditto ...	Ditto	Ditto.	
164 " "	600	Soolayman Mirza ...	Feb. 29, 1856	Soolayman Mirza.	
10084, 4 per cent., 1832-33	Sic. 500	Shibnarain Roy	May 1, 1842	Shibnarain Roy.	
12380—4231, 4 per cent., 1835-36.	1,000	Shama Churn Ghose ...	Mar. 31, 1871	Shama Churn Ghose.	
6737—3298, 4 per cent., 1835-36.	500	Boly Chund Dutt ...	Mar. 31, 1866	Boly Chund Dutt.	
006752, 4 per cent., 1835-36	1,100	Rakhal Chunder Bhuttacharjee	Sept. 30, 1872	Rakhal Chunder Bhuttacharjee	
006814 " "	500	Tara Churn Bhuttacharjee...	Ditto	Tara Churn Bhuttacharjee.	
8186 " 1842-43	500	Shama Churn Chatterjee ...	Feb. 1, 1861	Shama Churn Chatterjee.	
8475—17794, 4 per cent., 1842-43.	500	Brojo Govind Shaha ...	Feb. 1, 1869	Brojo Govind Shaha.	
11380, 4 per cent., 1842-43	700	Ditto ...	Ditto	Ditto.	
6024 " "	500	Cassee Nath Dhur ...	Aug. 1, 1859	Shiboo Soondery Dassee.	
16245 " "	5,000	Nobokristo Ghose, deceased...	Aug. 1, 1865	Monemohun Ghose and	
8653—9563, 4 per cent., 1842-43	3,000	Ditto ...	Ditto	Saroda Soondery Dassee.	
017871, 4 per cent., 1842-43	500	Kadumbini Dassee ...	Feb. 1, 1873	Kadumbini Dassee.	
000254 " "	1,000	Ditto ...	Ditto	Ditto.	
020284 " "	500	Ditto ...	Ditto	Ditto.	
011009 " "	2,000	Ditto ...	Ditto	Ditto.	
021705 " "	1,000	Unnoda Churn Bhuttacharjee	Aug. 1, 1872	Unnoda Churn Bhuttacharjee.	
ct. 18856 " "	500	Modoosooden Chunder ...	Ditto	Ditto.	
21611 " "	600	Nobin Chunder Dass ...	Aug. 1, 1870	No binChunder Dass.	
022862 " "	500	Modhoo Soodun Chowdry ...	Aug. 1, 1873	Ditto.	
038336 " "	1,000	W. T. Lindsay ...	Feb. 1, 1875	John Lindsay, Administratror of W. T. Lindsay.	
016542 " "	10,700	H. Palmer ...	Aug. 1, 1878	The Revd. Robert Milford Taylor, R. M. Taylor Jr. and Alicia Mary Taylor.	
ct. 14713 " "	500	Anoop Chund Moolcund ...	Aug. 1, 1858	Bazonjee Furdonjee.	

No. of the Note.	Value.	In whose name issued.	From what date bearing interest.	Claimant for duplicate.	Remarks.
	Rs.				
056370, 4 per cent., 1842-43	1,000	The Chartered Mercantile Bank of India, London, and China.	Aug. 1, 1878	V. Kristnama Chetty.	
056453 " " ...	2,000	Ditto	Ditto	Ditto.	
056371 " "	1,000	Ditto	Ditto	Ditto.	
056372 " "	1,000	Ditto	Ditto	Ditto.	
080125 " "	1,000	The Agra Bank, Limited ...	Ditto	Ditto.	
063895 " "	1,000	The Bank of Bombay ...	Ditto	Ditto.	
059414 " "	1,000	The Oriental Bank Corporation.	Ditto	Ditto.	
058152 " "	100	The Bank of Bombay ...	Feb. 1, 1879	Surgeon H. D. Mussani.	
065207 " "	100	The Chartered Mercantile Bank of India, London, and China.	Ditto	Ditto.	
065211 " "	100	Ditto ...	Ditto	Ditto.	
1133 " "	500	Callypodo Mookerjee, deceased.	Feb. 1, 1862	Sowdamini Dabee.	
6970 " "	1,000	The Executive Commissariat Officer, Fort William.	Ditto	Ditto.	
049945 " "	2,000	The Bank of Bengal ...	Feb. 1, 1878	Mohomed Wujhoollah Khan.	
20762 " 1854-55	500	D. McCulluch ...	June 30, 1859	Shiboo Soondery Dassee.	
2830—17672, 4 per cent., 1854-55.	500	Obhoy Churn Dutt ...	Ditto	Ditto.	
026294, 4 per cent., 1854-55	50,000	H. B. Goodall ...	Dec. 31, 1873	H. B. Goodall.	
024455 " "	10,000	Ditto ...	Ditto	Ditto.	
024456 " "	1,000	Ditto ...	Ditto	Ditto.	
026295 " "	4,000	Ditto ...	Ditto	Ditto.	
022758 " "	1,000	The Oriental Bank Corporation.	Ditto	Ditto.	
027593 " "	2,000	The Allahabad Bank, Limited. ...	Ditto	Ditto.	
022887 " "	5,000	Major J. W. Hoggan ...	Ditto	The Delhi and London Bank, Limited.	
38714 " "	4,000	Nobokristo Ghose, deceased	Dec. 31, 1865	Monemohun Ghose and Saroda Soondery Dassee.	
17950 " "	1,500	Ditto	Ditto	Ditto.	
7532 " "	500	Ruggoonath Succaba, deceased.	Dec. 31, 1867	Morabha Saccaram.	
772—18295 " "	1,000	Boly Chund Dutt ...	June 30, 1866	Boly Chund Dutt.	
001886 " "	1,000	Moolchand Premjee & Co. ...	June 30, 1875	Captain F. J. Palmer.	
008379 " "	500	Greesh Chunder Mitter ...	June 30, 1872	Unoda Churn Bhuttacharjee.	
016140 " "	500	Rakhal Doss Bhuttacharjee,	Ditto	Rakhal Chunder Bhuttacharjee.	
016138 " "	1,000	Obhoy Churn Bhuttacharjee	Ditto	Obhoy Churn Bhuttacharjee.	
009231 " "	1,000	Ditto	Ditto	Ditto.	
10927—11615, 4 per cent., 1854-55.	500	The Executive Commissariat Officer, Gwalior.	June 30, 1865	Rebecca Johnstone.	
9815 of $\frac{L088}{6}$, 4 per cent., 1854-55.	500	The Administrator General, Administrator to the Estate of H. Randolph.	June 30, 1874	Tara Kissur Mookerjee.	
36507, 4 per cent., 1854-55	2,000	Bullakedass Khemchand ...	Dec. 31, 1863	Veejachand Keckachand.	
39958 " "	1,000	Ditto ...	Ditto	Ditto.	
6392—26308, 4 per cent., 1854-55.	1,000	Ditto ...	Dec. 31, 1862	Ditto.	
011009, 4 per cent., 1854-55	1,000	The Administrator General, Bengal.	Dec. 31, 1877	The Deputy Commissioner of Dehli, Administrator of G. D. E. Dorris.	
1868—9358, 4 per cent., 1854-55.	500	The Deputy Commissary General, Upper Circle.	Dec. 31, 1861	Sowdamini Dabee.	
058157, 4 per cent., 1865	500	The National Bank of India, Limited.	May 1, 1874	Opendro Nauth Mitter.	
011620 " "	1,000	J. W. Smyth ...	Nov. 1, 1869	J. W. Smyth.	
011621 " "	1,000	Ditto ...	Ditto	Ditto.	
011622 " "	1,000	Ditto ...	Ditto	Ditto.	
011623 " "	1,000	Ditto ...	Ditto	Ditto.	
011624 " "	1,000	Ditto ...	Ditto	Ditto.	
055948 " "	2,000	Bevole Nauth Haldar ...	May 1, 1873	Bevole Nauth Haldar.	
2009 " "	1,000	Bank of Hindustan, China and Japan, limited.	May 1, 1865	Khetter Mohun Nag.	
020899 " "	500	Jebun Kristo Mullick ...	Nov. 1, 1869	Doorga Churn Mullick.	
030158 " "	500	Dyal Chund Saboye ...	Nov. 1, 1870	James Brown.	
1802 " "	500	Cossi Nauth Mookerjee ...	May 1, 1873	Luckhy Money Dassee.	
035154 " "	500	Meher Lall Shamunto ...	Ditto	Meher Lall Shamunto.	
068458 " "	1,000	W. T. Lindsay ...	May 1, 1875	John Lindsay, Administrator of W. T. Lindsay.	
068459 " "	1,000	Ditto ...	Ditto	Ditto.	
095149 " "	500	Tariny Churn Ghosh ...	May 1, 1877	Chotay Lall.	
099158 " "	500	Gourang Chunder Sirkar ...	Ditto	Gourang Chunder Sarkar.	
099159 " "	500	Ditto ...	Ditto	Ditto.	
107375 " "	700	Nogur Mull ...	Nov. 1, 1878	The Executive Commissariat Officer, Umballa.	
086879 " "	1,000	Bulloverder Dass ...	Ditto	The Uncovenanted Service. Bank, Limited.	
097595 " "	1,000	H. L. Tonnochee ..	May 1, 1876	H. L. Tonnochee.	
099542 " "	1,000	The Joint Administrators of Bhownagar State.	Nov. 1, 1878	V. Kristnama Chetty.	

No. of the Note.	Value.	In whose name issued.	From what date bearing interest.	Claimant for duplicate.	Remarks.
014095, 4 per cent., 1865	800	The Administrator General, Bengal.	Nov. 1, 1877	The Deputy Commissioner of Delhi, Administrator of G. D. E. Dorris.	
018119 " "	800	Ditto	Ditto	Ditto.	
005806, 4½ per cent., 1870	700	The Bank of Madras ...	Jan. 15, 1872	Lalladhur Zavirchund.	
000996 " "	500	Chundy Churn Ghosh ...	July 15, 1873	Chundy Churn Ghosh.	
048736, " 1872	1,000	Shumbhoo Pundoorung ...	Jan. 16, 1879	The Deputy Commissioner of Balaghat.	
056565 " "	10,000	The Bank of Madras ...	Jan. 16, 1876	V. Thavasumatha Nadan.	
025359 " "	5,000	The Chartered Mercantile Bank of India, London, and China.	July 16, 1877	Davidass Pranjeevandass.	
A 009862 Rd. 4 per cent., 1879	2,000	The Bank of Bengal ...	July 16, 1880	The Inspector General of Police, N. W. P.	
A 005090 " "	5,000	The Agra Bank, Limited ...	Ditto	Ditto.	
000010 Non-transferable 5 per cent. Try. Note.	500	Gopi Kabai, Manager of Mundir Vithul Rukmai.	Sept. 16, 1874	Gopi Kabai, Manager of Mundir Vithul Rukmai.	
003488, 5 per cent. 15 years' debenture.	1,000	The Bank of Bengal ...	June 1, 1878	Moonshee Purbhoodial ...	Now notified for discharge.
Total Rs. ...	2,16,500				

The 10th August 1882.

No. 3078.—Furlough out of India for fifteen months having been granted to Mr. E. F. T. Atkinson, B.C.S., late Officiating Accountant General, Bengal, and Mr. J. E. Cooke having been appointed to officiate temporarily as Accountant General, Bengal, Mr. Atkinson made over, and Mr. Cooke received, charge of the appointment after noon on the 5th August 1882.

The 11th August 1882.

No. 3025.—Mr. H. J. Brereton, Assistant Accountant General, Punjab, having returned from privilege leave, resumed charge of his duties after noon on the 3rd August 1882.

No. 3093.—The following appointments in the Financial Department have been sanctioned, with effect from the 23rd July 1882, inclusive :—

Mr. E. F. T. Atkinson, B.C.S., to be Accountant General, Bengal.

Mr. A. C. Tupp, B.C.S., to be Accountant General, North-Western Provinces and Oudh, and Deputy Commissioner of the Department of Issue of State Paper Currency at Allahabad. Mr. Tupp will however continue, until further orders, to officiate as Accountant General, Bombay, and Commissioner of the Department of Issue of State Paper Currency at Bombay.

Mr. H. F. Clogstoun, M.C.S., to be Accountant General, Madras, and Commissioner of the Department of Issue of State Paper Currency at Madras.

Mr. E. J. Sinkinson, B.C.S., to be an officer in the Enrolled List of the Financial Department (Class II) and to be Deputy Accountant General, Madras. Mr. Sinkinson will however continue, until further orders, to officiate as Accountant General, North-Western Provinces and Oudh, and Deputy Commissioner of the Department of Issue of State Paper Currency at Allahabad.

Mr. Stephen Jacob, B.C.S., is confirmed in the appointment of Under Secretary to the Government of India in the Department of Finance and Commerce.

Mr. J. F. Finlay, M.A., B.C.S., to be an officer in the Enrolled List of the Financial Department (Class IV) and to be Assistant Comptroller General. Mr. Finlay will however continue, until further orders, to officiate as Assistant Accountant General, North-Western Provinces and Oudh.

No. 3111.

RESOLUTION—By the Government of India, Department of Finance and Commerce.

Read the following papers :—

Letter to the Government of Bombay, No. 1943, dated 13th December 1881.
Letter from the Government of Bombay, No. 4605, dated 14th July 1882, and enclosure.

RESOLUTION.—The Governor General in Council observes that by letter No. 1943, dated 13th December 1881, which was published in Part I of the *Gazette of India*, dated 17th idem, the Government of Bombay was requested to collect and furnish to the Government of India all available information connected with sites in the Bombay Presidency where water-power exists sufficient for putting in motion the machinery of an extensive factory, and that from the report now received from that Government it is evident that suitable sites with sufficient water-power to drive such machinery exist in several districts in the Bombay Presidency.

2. The main object which induced the Government of India to institute these enquiries was to encourage a project for the establishment of a Paper Mill in the Bombay Presidency, such a mill being much wanted there, and, in

furtherance of the policy of the Government to encourage local industries, His Excellency in Council would be prepared to enter into a contract with any private individual or firm who may be willing to establish such mills, for a term of five years or more, for the supply of paper required for the public service in India of a quality not inferior to, and at a cost not higher than, that now paid for imported paper. In this view His Excellency in Council hopes that the Government of Bombay will be prepared to consider in a liberal spirit any proposals they may receive for taking up sites possessing water-power for the establishment of Paper Mills.

ORDERED, that the foregoing Resolution be forwarded to the Government of Bombay for information and guidance.

Ordered also, that the Resolution and the report from the Government of Bombay be published in the *Gazette of India*.

No. 4605, dated 14th July 1882.

From—J. MONTEATH, Esq., Acting Under-Secretary to the Government of Bombay, Revenue Department,

To—The Secretary to the Government of India, Dept. of Finance and Commerce.

I am now directed to submit the report called for in your letter No. 1943, dated 13th December 1881, regarding sites in the Bombay Presidency where water-power could be utilised to advantage.

2. From the results of the enquiries made by the local officers in the matter, it would seem that in several districts in this Presidency there are sites where water-power sufficient for putting machinery in motion is available. The following is a brief summary of the reports received on the subject :—

NORTHERN DIVISION.

Ahmedabad.—The Executive Engineer, Irrigation, for Gujárat states that there are several vertical falls on the Háthmati Canal in this district. They are about 11 in number, but are all far from any centre of public industry, except one which is situated near a public road crossing the canal. This fall is in the 9th mile from the head of the canal, and it is calculated that during the monsoon and for a month or more thereafter (depending on the supply of water available from the river and, therefore, on the amount of rainfall) there is about 35 horse-power available at it; but at the end of the hot weather this power is reduced to 2 horse-power. It is also believed that if 2 turbines of 20 horse-power were located at this fall, both of them could be worked at nearly full power for five or six months, one at full power for about three months afterwards and at half power for about another month. No information is supplied regarding the other falls.

Kolába.—The Executive Engineer, Northern Konkan, considers that there are a great number of sites in this district where water-power could be made available. But the Collector, while admitting that many streams run as torrents for half the year, thinks that perennial water-power could not be discovered anywhere in the district, or that, if discovered, there is not likely to be for many years to come any local industry on which it could be profitably employed.

Thána.—It appears from the Collector's report that there are several sites in this district where water-power for working machinery might be obtained, such as Sasunowghar in the Bassein Táluka, the Surya River in the Máhim Táluka, Golsunda in Panvel, the river near Panvel, and the rivers near Nágli and Bhiwandi. But some of these places are situated in wild and thinly populated tracts, and have many other drawbacks, such as unhealthiness of climate, scarcity of labour, &c., while the expense of damming up the rivers would be great. An attempt was made a few years ago to work a paper-mill at Susunowghar in Bassein, but owing to lack of capital and the scarcity of labour the undertaking failed. It is stated that a good supply of water could probably be secured at Bhiwandi, that the place is healthy, that labour is there plentiful and cheap, that the Agra road runs close by, and water communication with Bombay can be kept up even during the monsoon, while the railway is only six miles distant. The Executive Engineer remarks: "In a country like the Konkan there would be no difficulty in obtaining an almost unlimited supply of water, provided funds were forthcoming for the construction of a storage reservoir. By simply building up any of the Konkan rivers up to the level of the river-banks I do not think a sufficient supply would be obtained, as the fall is generally too rapid and the banks not sufficiently high."

CENTRAL DIVISION.

Poona.—The Collector believes that there are several places along the different rivers in this district where water flows with a fall through rocky barriers at which water-power might be made available, such as the Ghodnadi, the Mula, the Khadakvásla works, the Bandh and Panowli in the Háveli Táluka. A copy of a statement submitted by the Collector furnishing details regarding the sites mentioned is appended.

Násik.—The Executive Engineer for Irrigation states that there are scores of sites where water-power could be utilised for driving machinery in the four tálukas named in the margin with which he is immediately connected. Every bandhára (a dam across a river) is a site, and there is immense power available from June to December on the rivers Girnà and Mosam. The Executive Engineer further states that after the construction of the Chankápur Tank the water-power on all the Girna River bandháras will be continuous throughout the year, varying from a practically unlimited quantity from June to October down to about 18 horse-power effective in the hot weather at each bandhára. As regards the rest of the district, the Collector writes that he knows of only two sites that could well be made use of—one is the fall of the Godávari at Gangápur, six miles from Násik, with which it is connected by a made and bridged road. The fall here is said to be ample, but in the hot season the water is very low, and would have to be supplemented by damming the river higher up. The other is the fall at Nándur Madmeshwar, also on the Godávari, but lower down. It is eight miles from the Niphád Railway Station, with a gravelled road all the way. This is also the site of a proposed weir for an irrigation project, and, if it is carried out, the head of the canal might be utilised for turning a wheel. Labour and carriage would be available at both these places. There is also a site at Walviher in the Igatpuri Táluka, affording good facilities for the working of machinery by water-power, but it is somewhat difficult of access, being eight miles from Igatpuri, the road to which is very bad. The Collector, however, remarks that he cannot imagine a more perfect site for a lake: there is a large basin surrounded by hills, and the only outlet for water is by a narrow gorge, the average rainfall being about 120 inches.

Báglan, Kalvan, Málegaon, Nándgaon.

Sátára.—The Collector believes that there are sites in this district where water-power exists, but states that without a scientific examination it is not possible for him to say whether there are any spots at which water-power sufficient to move heavy machinery can be found.

Khándesh.—The most eligible site in this district for the utilisation of water-power, which is on the Tápti River near Bhusával, was conceded, on terms which will be stated below, to Messrs. Blaney and Bapty of Bombay. The Executive Engineer for Irrigation is under the impression that there are several other sites both above and below the one above mentioned. But the distance of this part of the country from any railway station is very considerable, and the floods which rise very high in the Tápti would deter capitalists from investing their money in the erection of mills, &c. The Executive Engineer for Irrigation thinks that on the river Pánjra which passes Dhulia, the head-quarters of the Collectorate, water-power varying from 2 to 40 horse-power might be available at times, but the supply would be very irregular and uncertain.

Ahmednagar.—The Collector states that it does not appear that water-power sufficient for putting heavy machinery in motion exists in that district, but he sends copies of letters from Dr. W. O. Ballantine and the Reverend S. B. Fairbank, of the American Mission, who state that at Wazir in the Sangamner Táluka and Lákh in the Ráhuri Táluka waste water flows over the dams in the rains with sufficient power to drive machinery, that water-power could be produced on the Mula River anywhere from 5 to 20 miles above Ráhuri, and that at other places on the Godávari, Mula, and Pera rivers, much might be done by the construction of dams.

SOUTHERN DIVISION.

The only suitable place in this division for utilising water-power for the working of factories is at the Gokák Falls in Belgaum. Messrs. Ritchie, Steuart & Co. have obtained a concession for utilising the water-power at this place. The terms of the concession will be given below.

SIND.

The Commissioner reports that there are no sites in Sind where water-power exists in a form suitable for putting in motion the machinery of an extensive factory.

He remarks: "The immense water-power of the Indus with its unlimited and perennial supply would doubtless prove a most valuable engine in manufacturing industry, were it not for the capricious character of the stream. The river not only rises and inundates the country on each bank, but cuts for itself almost every year new channels, which would render it almost impossible to utilise the stream as a motive power for fixed machinery."

Káthiáwár.

On the Bhádar river in the vicinity of Jetpur there is a direct fall of about 12 feet, the force obtainable being estimated at 30 horse-power. Other favourable sites might be found on the river and on its affluents, the Minsar and the Bileshwari; but they would be too far from roads and railways to be of practical use at present. The firstmentioned would, it is stated, be the most favourable on account of its proximity to the railway, and because the Bhádar is a perennial stream, and would hardly require an artificial dam at the place indicated. The Jetpur station is only two miles off, and labour and carriage are stated to be generally available.

Pálanpur.

At a place called Bálárám, a mile from the Chitrásani station on the Western Rájputána State Railway, a small river which bears the same name flows over a rocky bed, and at one place where it is shut in by hills or high ground on either side it rushes with great force. The stream has never been known to fail even in seasons of the greatest drought, and abundance of labour and carriage could be procured in the vicinity. Two other places also belonging to Pálanpur are situated in the Dántiwáda District, about 14 or 15 miles to the

north-west of the capital town and near each other. One is called Dumdura, and is within the limits of the village of Nadotra; while the other, which is called Vania Dura, is within the limits of the town or village of Dántiwáda. The places in question are on the Banás river, which here flows over rocks with considerable force. They are within 12 or 14 miles of the Chitrásani station, and labour and carriage are procurable.

3. I am to forward herewith a copy of a report by the Chief Engineer for Irrigation on the subject, in which a professional opinion of the value of certain sites for the purpose in question is contained.

4. Referring to the last paragraph of your letter under reply, I am to state that applications have been received from the following gentlemen for the grant of sites for the utilisation of water-power, *viz.*—(1) Mr. J. Gordon on behalf of a projected company for the establishment of a paper mill at Walviher in the Igatpuri Táluka in Násik; (2) Messrs. Thomas Blaney and Bapty for a site on the river Tápti, near Bhusával in Khándesh, for the utilisation of the available water-power for purposes of mechanical industry; (3) Messrs. Ritchie, Steuart & Co. for a site for the establishment of cotton mills near the falls of Gokák in Belgaum.

5. As the land applied for by Mr. Gordon was mostly occupied assessed land, and as it was impossible to obtain it without resort to the Land Acquisition Act, the owners having declined to part with it on reasonable terms, Government refused to grant the concession asked for.

6. The following are the terms of the concession granted to Messrs. Thomas Blaney and Bapty:—

(1) The land to be held on a 99-years' lease on payment of an annual rental of 1 annas per acre on the unarable land and the present rate of assessment on arable land, *plus* Rs. 10 per annum for the water-power, the lessees to satisfy all private rights in the lands so leased.

(2) The lease to be renewable on such new conditions as Government may then think necessary and proper. If the terms of the renewal are not accepted on the expiration of the lease, the lessees to be required to remove any plant or machinery that may be on the ground within six months.

(3) The works at the fall to be completed before 31st December 1882.

(4) Government to have power to enter and inspect the works at all reasonable times, and to re-enter upon the land if the works should be discontinued. All rights of way to the river to be reserved.

Messrs. Bapty and Blaney have not taken advantage of this concession; but, on 8th December last, Messrs. Forbes & Co. informed this Government that the lease and concession had been assigned to a partner of their London corresponding firm, for the purpose of forming a public company in London with sufficient capital to erect a cotton mill, and requested that the time within which the works must be completed should be extended from 31st December 1882 to 31st December 1883. They were informed in reply (Government Resolution No. 7854, dated 23rd December 1881) that if Government is satisfied before the end of June 1882 that a company has been formed with sufficient capital to carry out the scheme, and that the lease now held by Messrs. Bapty and Blaney has been duly assigned to them personally or as representatives of the company, and if they agreed to the preparation of a deed at their expense, keeping alive the right of Government to re-enter, His Excellency in Council would be prepared to grant the extension of time asked for. No further communication has been received from them.

7. The concessions made to Messrs. Ritchie, Steuart & Co. are the same as those granted to Messrs. Blaney and Bapty as regards the land required for the construction of their mills and other buildings connected therewith, and they have also been offered the use of water from the Gokák Canal at the rate of 17 cubic feet per second on payment of Rs. 203 per cubic foot, or even a larger quantity if required at the rate specified. No charge to be made during the four months of monsoon. It does not appear that they have as yet made any use of the concessions.

8. Arrangements are also in progress for a grant of the concession of water-power at Lake Fife to Mr. Macfarlane.

No. 1567, dated 26th April 1882.

From—J. HART, Esq., Chief Engineer for Irrigation, Bombay,

To—The Secretary to the Govt. of Bombay, Public Works Department (Irrigation).

It appears that the Executive Engineers of this Department have furnished the several Collectors of their divisions with reports on the possible sites for the utilisation of water-power.

2. I need scarcely point out that there are very few rivers rising in the Ghâts which do not at some point or other in their courses afford sites where power could be obtained; but I consider that no practical object would be served by reporting on such, for scarcely any of them would furnish permanently the power required by manufacturers, unless large head and storage works could in the first instance be constructed.

3. Some of the most notable natural sites are—

The falls of the Godávari at Gangávali and the rapids of Nandur Madhmeshwar on the Godávari in Násik.

The rapids in the Krishna at Bahey in Sátára.

The falls on the Ghataprabha at Gokák in Belgaum and the rapids at Bodhán, Kamláپur and Kakrapara on the Tápti river in Surat.

4. But none of these places offer anything further worth the notice of the manufacturer than that they afford favourable sites for the construction of large head-works from which water-power might be obtained by a more or less considerable expenditure of capital in the first instance.

5. It can, I think, easily be shown,—in fact it may be admitted as a maxim,—that in few cases could works be constructed which would pay merely as affording water-power, so that, therefore, we can look only to those sites where water can be utilised to produce power without interfering in any way with its irrigational value.

6. The value of water on irrigation works is 1 rupee per 10,000 cubic feet, at which rate a discharge of 1 cubic foot per second, representing a horse-power of not more than ·085 per foot of fall, would cost Rs. 8·64 per day of 24 hours, or say Rs. 100 per horse-power per day per foot of fall, the rate varying inversely with the fall. Thus with a fall of 10 feet the rate would be Rs. 10 per horse-power per day; and within practical limits of fall the rate is, I should say, prohibitive for commercial speculations.

7. I shall, therefore, confine myself to reporting the sites on which, in connection with irrigation, water-power already exists available for manufactories, or where works, now either under construction or proposed, will soon place water-power in a practical shape within the reach of private speculations.

8. The Háthmati Canal in Gujarát at present affords at the several vertical falls sites for small works to which at present an intermittent supply only could be guaranteed, but with storage works, which are now under investigation, would produce a permanent discharge affording at least 10 to 15 horse-power at ten or eleven points along the canal. These sites are, however, far from commercial centres, and, except possibly that at the crossing of the Ahmednagar and Parántíj road, are not at all likely to attract private speculators.

9. In Khándesh there are few works where a permanent power can at present be obtained, although almost every bandhára presents a site with a temporary supply of water-power, say for six or eight months of the year.

10. The Mukti Reservoir is the only work furnishing a permanent supply of power, and below this tank, on the Pánjra River near the station of Dhulia, from 2 to 4 horse-power can be permanently obtained, while during the monsoon the supply would be equal to, say, 40 horse-power.

11. In this district the completion of the Chankápur Reservoir, the early construction of which is now contemplated, would develop a power at every bandhára on the Girna River, varying from one which would be practically unlimited during the monsoon down to 18 horse-power in the dry season.

12. The Násik District has as yet no permanent supply on any of its irrigation works; but after the completion of the Wághad Tank, now under construction, a considerable, though variable, amount of power can be obtained at the tank (about 18 miles from Násik) as well as at the Pálkhed Weir, where a smaller amount would be available.

13. The Poona District affords two permanent sources of power—Lake Fife and the Mátoba Tank. The former has been reported on to Government; *vide* this office No. 3423, dated 13th August 1881.

Special provision has been made in the work for the adaptation of turbines, and the power varies from 100 horse-power to an amount which is at present merely nominal. A statement of the actual discharges and power available month by month during the year is attached.

14. At the Mátoba Tank a small perennial power is available at present; but when irrigation is fully developed it must become merely nominal.

15. As regards the Ahmednagar and Sholápur Division, the perennial outlet of the Ekrúk Tank near Sholápur furnishes for the present a permanent source of power, 24 horses at the minimum.

16. Both the Ashti and the Bhátodi tanks will supply power during the kharíf and part of the rabi seasons; but I do not consider such other than intermittent, which will not pay large speculations.

17. The sites in the Sátára District at which power of a permanent character is at present available on constructed works are below the Máini and Nher tank sluices; but in these cases the amount is so insignificant, the largest being only about 3 horse-power, that it would be scarcely worth the notice of private speculators.

18. Two other works now under construction in this district (the Mhasvad Tank and the Kás Reservoir) will, however, in the course of the next two years furnish more favourable opportunities for the establishment of manufactories in so far at least as water-power is concerned.

19. At the former work about 10 horse-power might be obtained at the head-works of the tank, and at the falls near Katpal it is calculated that over 100 horse-power is obtainable. Both these sites are far from large commercial centres, being relatively about 30 and 20 miles west of Pandharpur.

The latter work might be made to furnish a supply of 10 cubic feet of water per second permanently, with an available head of near 1,000 feet; but the position is by no means a convenient one for the establishment of a large factory, although within about 20 miles of Sátára.

20. It does not appear that any of the existing irrigation works in either Kaládgi, Belgaum, or Dhárwár at present supply any available permanent power.

21. The Gokák Canal under construction will doubtless afford such; but the site near the head-works has been already disposed of by Government to Messrs. Ritchie, Steuart & Co., and that at the canal falls will probably afford a considerable amount of power, although the extent of such cannot be stated till the exact scope of the project which may be ultimately adopted has been determined.

Statement showing the Monthly, Maximum, Minimum and Average Head, Discharge and Calculated Horse-power of the Mutha Right Bank Canal at Khadakvásla from the 1st July 1880 to the 30th June 1881.

Month.	Maximum head.	Minimum head.	Average head.	Maximum discharge.	Minimum discharge.	Average discharge.	Maximum horse-power.	Minimum horse-power.	Average horse-power.
July 1880 ..	25·13	10·5	23·31	179·03	51·05	137·51	327·81	83·18	250·2
August " ...	23·65	21·17	22·42	204·13	76·42	170·41	367·12	141·44	320·22
September " ...	25·65	20 2	21·17	204·07	115·08	172·52	378·04	235·02	295·58
October " ...	23·2	22·05	22·73	173·61	125·26	157·40	311·01	228·40	281·87
November " ...	23·51	19·58	21·67	173·25	62·87	131·40	207·9	116·77	224·38
December " ...	27·12	18·6	20·87	152·48	143·00	143·04	326 69	205·8	237·22
January 1881 ...	18·43	15·23	16·91	141·12	100·45	121·04	209·83	131·38	162·43
February " ...	15·24	11·3	13·52	118·87	88·39	97·75	130·48	86·86	105·51
March " ..	13·43	10·23	11·71	114·38	85·55	95·89	117·83	73·04	88·08
April " ..	10·02	6·2	8·32	106·78	74·09	85·07	70·15	43·6	54·96
May " ...	0·32	1·82	4·05	102·0	71·16	84·88	47·54	10·51	27·01
June " ...	1·65	0·05	0·41	84·8	44·28	63·5	09·8	0·17	2·21

WILLIAM CLERKE, M. INST. C. E.,
Executive Engineer for Irrigation, Poona Division.

Statement to accompany Poona Collector's letter No. 919, dated 9th February 1882.

(Referred to in Bombay Government letter No. 4605, dated 14th July 1882, to the Government of India.)

Sites where Water-power exists sufficient for putting in motion the machinery of an extensive Factory.	Estimated Force obtainable from the water.	General circumstances of the locality.	Distance from the nearest Railway Station.	Quantity of Labour and Carriage generally available.
1	2	3	4	5
1. At Lake Fife, Khadakvásla, Táluka Hávelí.	Unknown to me, but the Irrigation Department can tell.	Khadakvásla is a small village, but it is only 10 miles from Poona, and supplies, &c., would have to be brought thence. Lake Fife supplies Poona with water by the Mutha Mula Canal which irrigates a large quantity of land.	10 miles ...	Plenty of labour and carriage procurable in Poona.
2. Bandh at Poona, Táluka Hávelí.	.....	This bandh is across the Mutha Mula just below their junction and close to the village of Yerowda; it was built by Sir Jamsetji Jeejeebhoy.	1½ miles ...	.....
3. Panowli, Táluka Hávelí.	.....	A dam is thrown across the river Pauna between these two villages, and a channel from a quarter to half a mile in length, in parts cut through rock and in other places supported by very solid masonry, leads to a building like a small domed temple where formerly a large hand-mill was worked by water.	2½ miles ...	Labour and carriage procurable in surrounding villages; also at Poona, which is only 12 miles distant.

J. MOORE,
Collector, Poona.

D. M. BARBOUR,
Secy. to the Govt. of India.

MILITARY DEPARTMENT.

Simla, the 11th August, 1882.

APPOINTMENTS.

No. 431.—STAFF CORPS—

The undermentioned officers, appointed by the Secretary of State probationers for the Indian Staff Corps from regiments out of India, are placed at the disposal of the Government of Madras, in view to their appointment to the Staff Corps of that Presidency, with effect from the date of their arrival in India :—

Lieutenant G. Rippon, East Kent Regiment.
Lieutenant A. T. Young, Royal Sussex Regiment.
Lieutenant M. T. O. Travers, Royal Scots Fusiliers.

No. 432.—The undermentioned officers are admitted to the Bengal Staff Corps, with effect from the dates specified, subject to the confirmation of the Right Hon'ble the Secretary of State for India :—

Lieutenant Edmund Elliot Robertson, Seaforth Highlanders, Officiating Squadron Officer, 1st Regiment, Central India Horse,—28th February, 1881.

Lieutenant George Walter Brandon Swiney, Seaforth Highlanders, Officiating Wing Officer, 2nd Sikh Infantry,—30th March, 1881.

No. 433.—MILITARY ACCOUNTS DEPARTMENT—

With reference to G. G. O. No. 421 of 1882, Major M.A. Rowlandson, Madras S. C., Military Accounts Department, will have the temporary rank of Controller of Military Accounts while employed with the Indian Division, Egypt Expeditionary Force.

No. 434.—HYDERABAD CONTINGENT—

No. 2 Battery.

Lieutenant A. B. Shute, R.A., Officiating Subaltern, No. 3 Battery, to be Subaltern, *vice* Lieutenant R. H. Mahon, R.A., whose services have been placed at the disposal of the Government of Madras.

No. 3 Battery.

Lieutenant E. U. Marrett, R.A., to officiate as Subaltern, *vice* Lieutenant A. B. Shute, transferred, and until further orders.

No. 435.—VOLUNTEER CORPS—

1st Punjab Volunteer Rifle Corps.

Major Andrew Higgins, to be Commandant, with the rank of Lieutenant-Colonel, *vice* Colonel W. Howey, vacated.

FURLOUGH AND LEAVE.

No. 436.—The undermentioned officer is granted furlough out of India, with the necessary subsidiary leave :—

Lieutenant J. A. Tanner, R.E., Assistant Engineer, 2nd grade, Military Works Department, (m. c.) for 182 days, under rule IX, note (2), of the regulations of 1868.

No. 437.—The undermentioned officers have been granted extensions of furlough by the Right Hon'ble the Secretary of State for India :—

Major A. J. C. Cunningham, R.E., (p. a.) for 183 days.
Captain E. A. Young, Bengal S. C., (m. c.) for two months.
Surgeon-Major R. Jameson, M.D., (p. a.) for one year.

PROMOTIONS.

No. 438.—The following promotions are made, subject to Her Majesty's approval :—

BENGAL STAFF CORPS.

To be Lieutenant-Colonel.

Major Archibald Lewis Playfair,—5th August, 1882.

To be Major.

Captain Jacob Peter Deneys Vanrenen,—8th August, 1882.

BENGAL ARMY.

To be Colonel.

Lieutenant-Colonel William Howey, Infantry,—9th August, 1882.

BREVET.

To be Colonels.

Lieutenant-Colonel John Thornhill Bushby, Bengal S. C.,—10th August, 1882.

Lieutenant-Colonel John James Boswell, C.B., Bengal S. C.,—10th August, 1882.

Lieutenant-Colonel Hardress Edmond Waller, Bengal S. C,—10th August, 1882.

No. 439.—NATIVE ARMY—

23rd Native Infantry.

Jemadar Nehal Sing, to be Subadar, *vice* Nehal Sing, deceased,—28th April, 1882.

Jemadar Dullel Sing, to be Subadar, *vice* Goojur Sing, invalided,—1st May, 1882.

Havildar Nehal Sing, to be Jemadar, *vice* Nehal Sing, promoted,—28th April, 1882.

Havildar Sahib Sing, to be Jemadar, *vice* Dullel Sing, promoted,—1st May, 1882.

PENSIONS.

No. 440.—Honorary Captain and Deputy Commissary George B. Bleazby, Ordnance Department, is transferred to the Pension establishment.

VOLUNTEER CORPS.

No. 441.—His Excellency the Governor General in Council is pleased to sanction the formation of a Volunteer Rifle Corps at Shillong, to be called the "Shillong Volunteer Rifle Corps."

The Corps will be under the Assam Administration.

APPOINTMENTS.

No. 442.—VOLUNTEER CORPS—

Shillong Volunteer Rifle Corps.

Captain and Brevet Lieutenant-Colonel Robert Gosset Woodthorpe, R.E., to be Lieutenant and Commandant.

G. CHESNEY, *Colonel,*
Secretary to the Government of India.

MILITARY (MARINE) DEPARTMENT.

Simla, the 11th August, 1882.

LONDON GAZETTE.

No. 27.—The following extract is published for general information :—

"*London Gazette,*" *dated the 30th June, 1882, page 3031.*

"*Admiralty, 30th June 1882.*

The following promotions have been made from this date:—

Lieutenants

* * *

Llewellyn Styles Dawson

* * *

to be Commanders in Her Majesty's Fleet."

G. CHESNEY, *Colonel,*
Secretary to the Government of India.

PUBLIC WORKS DEPARTMENT.

NOTIFICATIONS.

Simla, the 7th August 1882.

No. 184.—The services of the undermentioned Officers of Royal Engineers are placed at the disposal of the Military Department for service with the Egyptian Expeditionary Force :—

Colonel J. Browne, C.S.I., Executive Engineer, 1st Grade, Punjab.

Lieutenant J. Burn-Murdoch, Assistant Engineer, 1st Grade, Railway Branch.

The 8th August 1882.

No. 185.—The following officiating promotions in the classes of Superintending Engineers are made, with effect from the 30th July 1882 :—

Mr. J. C. Vertannes, Superintending Engineer, Class II, temporary rank, to Superintending Engineer, Class I.

Mr. H. F. Storey, Superintending Engineer, Class III, temporary rank, to Superintending Engineer, Class II.

No. 186.—*Corrigendum.*—In Public Works Department Notification No. 178, dated 19th July 1882, for "*Major* H. Johnson" read "*Mr.* H. Johnson."

The 10th August 1882.

No. 188.—The Government of India has no further need of the services of Mr. G. Innes, Assistant Examiner, Public Works Accounts.

TELEGRAPH.

The 8th August 1882.

No. 187.—The Governor General in Council is pleased to order the following addition to No. 47 of the Rules for Inland Telegraph Messages :—

"Application may be made, as above, by an interested party, for the preservation of specified telegrams exchanged between other persons on the ground of pending or contemplated judicial proceedings. Such telegrams will be preserved for a further period of six months, at the expiration of which they will, in default of a renewed application, be destroyed.

"Should the particulars furnished be insufficient to enable the *Check Office* to trace the telegrams at once, the estimated cost of the required search must be deposited by the applicant. It must be understood that the duty of the Telegraph Department in the matter is confined to making the search and preserving the telegrams if found. No information as to the result of the search will be furnished, and any telegrams answering the description given which may be found will only be produced on the order of a competent court of law or other competent authority."

W. S. TREVOR, *Colonel, R.E.,*
Secy. to the Govt. of India.

The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, AUGUST 12, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller General, &c.

GAZETTE OF INDIA.

NOTICE.

The 11th March 1882.

From the 8th April next, till further notice, Parts I, IV, and V of the *Gazette of India*, and the Weather and Crop Report, will be published at Simla. After the 1st April, all Notifications and other matter intended for publication in those Parts, should be addressed to the Officiating Publisher at that station.

Parts II and III and the Supplement will continue to be published in Calcutta.

Parts IV and V of the *Gazette of India*, containing the Acts and Bills of the Legislative Council, may be subscribed for separately from the other Parts of the Gazette. The annual subscription for the two Parts is Rs. 5 per annum, payable in advance. When sent by post, Rs. 2-8 per annum additional will be charged for postage. For the current year these Parts are available from 1st May only, the back numbers being out of print.

Complaints regarding non-receipt of any number of the *Gazette* should be forwarded within a week after the day on which it is due.

Applications for the supply of the *Gazette* on the *public service* should be addressed to the Home Department.

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E. J. DEAN,
Publisher, Gazette of India.

TELEGRAPH DEPARTMENT.

NOTIFICATION.

Simla, the 4th August 1882.

Offices opened and closed during the month of July 1882:—

Name of Station.	Where situated.	Date.	REMARKS.
False Point Light House.	Bengal Presdy.	10th	Opened.
Perambur	Suburbs of Madras	5th	Closed.
Ruksoul	Chumparun District, Frontier of Nepal, Bengal.	10th	Ditto.

R. MURRAY, *Colonel,*
Director General of Telegraphs in India.

AGENT, GOVERNOR GENERAL, FOR CENTRAL INDIA.

NOTIFICATION.

Indore Residency, the 2nd August 1882.

No. 1602.—Lieutenant M. J. Meade, Political Assistant, 3rd Class, 3rd Assistant Agent, Governor General, for Central India, is granted privilege leave for three months, with effect from 24th July 1882.

By Order,

D. ROBERTSON, *Captain,*
1st Asst. Agent, Govr. Genl., for Central India.

AGENT, GOVERNOR GENERAL, FOR RAJPUTANA.

NOTIFICATIONS.

Mount Abu, the 1st August 1882.

No. 2201 G.—Major C. A. Baylay, Political Agent, Kotah, is granted three months' privilege

leave from the 13th August 1882, or such subsequent date as he may avail himself of the same.

The 2nd August 1882.

No. 2214 *G.*—1st Class Hospital Assistant Mahomed Galib, of the Reserve List, is granted forty days' privilege leave, with effect from the 15th July 1882.

1st Class Hospital Assistant Sunt Golam, attached to the Rajputana-Malwa Railway, is transferred to the Supernumerary List of Civil Hospital Assistants of Rajputana from 11th June 1882.

3rd Class Hospital Assistant Rajub Ally made over charge of the Anadra Dispensary to 1st Class Hospital Assistant Sunt Golam on the afternoon of 24th July 1882.

3rd Class Hospital Assistant Rajub Ally, of the Anadra Dispensary, is transferred to the Supernumerary List of Civil Hospital Assistants of Rajputana from 25th July 1882.

3rd Class Hospital Assistant Taroprosono Ahcharji held charge of the detachment forming escort with the Assistant Agent to the Governor General at Shujangarh from 23rd December 1880 to 30th April 1882, in addition to his own duties.

The 7th August 1882.

No. 2351 *G.*—Colonel C. H. Clay, Commandant, Deolee Irregular Force, returned to duty on the 29th July 1882 from the privilege leave granted him in this Office Notification No. 852 G., dated 11th April 1882.

By Order,

E. A. FRASER,

1st Asst. Agent to the Govr. Genl.

MILITARY DEPARTMENT—
Military Works.

NOTIFICATIONS.

Simla, the 5th August 1882.

No. 37.—Major F. F. Cotton, R.E., Executive Engineer, Darjeeling Division, Military Works, is granted three months' privilege leave, with effect from 1st September 1882.

J. J. McLEOD INNES, *Colonel, R.E.,*

Inspr. Genl. of Military Works.

Sirhind & Lahore Command.

Lahore, the 7th August 1882.

No. 124.—Lieutenant C. D. Learoyd, R.E., Assistant Engineer, 2nd Grade, appointed to the Sirhind and Lahore Command, Military Works, is posted to the Lahore Division, Military Works, which he joined on the forenoon of the 1st August 1882.

T. C. MANDERSON, *Major, R.E.,*

Supdg. Engr., Sirhind & Lahore Command, Military Works.

Weekly Statement of Silver tendered, of Certificates issued, and Silver Balance in the Mint.

Date.	Silver tendered, estimated value.	Certificates issued on		Balance of Bullion		
		General Treasury.	Currency Department.	Under Assay.	Assayed.	Held on account of the Currency Department.
1882.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
July 31	...	1,87,776	...	40	43,62,421	11,00,358
Aug. 1	...	95,321	...	40	42,65,425	10,15,083
" 2	...	1,01,235	...	40	41,68,516	9,14,806
" 3	...	95,864	...	40	40,74,083	8,22,515
" 4	...	84,277	...	40	40,78,956	7,40,785
" 5	...	47,787	...	40	39,81,833	6,94,940

CALCUTTA MINT,

The 7th August 1882.

J. F. TENNANT, *Col., R.E.,*

Mint Master.

CURRENCY NOTES.

The following Currency Notes of the Government of India are stated to have been lost, and payment of their value has been claimed by the persons whose names are placed against the numbers. Any other person having these Notes in his possession, or claiming a right to them, is warned to communicate at once with the undersigned :—

Allahabad Circle.

NOTE WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Note.	Value.	Name of Claimant.
		Rs.	
107	D 17—41133	50	Babu Denonath Dey, Allahabad.

ALLAHABAD,

The 9th August 1882.

GODREZJEE D. PUDUMJEE, *A. A. G.,*

In charge of Paper Currency Office.

Calcutta Circle.

NOTES WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Notes.	Value.	Name of Claimant.
		Rs.	
99	O 65—36031	50	Babu Akhoy Kumar Ghose.
100	P 11—16250	500	Gopal Das Mukoond Lall.
101	P 10—69534	100	Babu Khagendra Nath Mukerjee.
102	O 65—75255	50	Babu Harananda Dutt.
	" —75256	50	
103	P 10—36561	100	Khoom Chand Tora Ram.
	" —48298	100	
104	P 10—33252	100	Syud Mohamed Cossim.
	O 65—54075	50	
	" —50449	50	
105	P 10—83562	100	Mr. C. W. O'Sullivan.
106	O 96—45575	100	Babu Nobin Chunder Mukerjee.

CALCUTTA,

The 11th August 1882.

J. TAYLOR,

Asst. Comptlr. Genl., Paper Currency.

Lahore Circle.

NOTES WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Notes.	Value.	Name of Claimant.
		Rs.	
...	E 13—28505	100	Ram Chander Rae, care of Lalu Ram, Sub-Overseer, Rawalpindi.
	" —20328	100	
	" —28006	100	

LAHORE,

The 5th August 1882.

H. J. BRERETON,

for *Depy. Commr. of Paper Currency.*

F.

PRELIMINARY ACTUALS.

10th August 1882.

TELEGRAPHIC STATEMENT OF RECEIPTS AND OUTGOINGS FROM TREASURIES DURING JULY 1882.

Thousands of Rupees.

Receipts.	Civil Revenue.	Civil Debt and Remittance Heads.	Forest, Telegraph, and Marine.	Post Office.	Guaranteed and Subsidized Railways.	Military Department.	P. W. Department.	Opening Balance.	TOTAL.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
India General ...	7,75	1,98,05	28	3,09	4,68	93	38,10	3,95,21	6,48,09
Central Provinces	4,48	14,79	1,37	1,92	...	9	1,03	77,36	1,01,04
British Burmah ...	11,93	9,85	2,53	2,26	...	7	1,42	36,79	64,85
Assam ...	3,86	7,07	19	1,24	...	6	6	19,96	32,44
Bengal ...	1,13,52	63,09	1,78	6,52	...	10	4,62	1,76,45	3,66,08
N.-W. Provinces and Oudh ...	52,41	57,61	72	2,40	3,64	96	5,99	2,93,18	4,16,91
Punjab ...	48,70	58,18	90	3,03	6,13	1,13	4,93	1,12,75	2,35,75
Madras ...	45,84	47,55	1,05	3,31	10,25	71	71	1,57,01	2,66,43
Bombay ...	40,62	1,35,76	2,04	3,22	25,11	1,46	2,48	2,10,16	4,20,85
Remittance Adjustment ...	...	78	...	...	...	...	...	— 22	56
TOTAL RECEIPTS ...	3,29,11	5,92,73	10,86	26,99	49,81	5,51	59,34	14,78,65	25,53,00
Outgoings.									
India General ...	13,64	1,15,90	1,28	34	2,40	17,12	27,55	4,69,86	6,48,09
Central Provinces	4,90	14,16	37	14	...	2,72	2,88	75,87	1,01,04
British Burmah ...	6,34	9,49	92	11	...	2,32	5,17	40,50	64,85
Assam ...	3,18	8,99	25	15	...	87	51	18,49	32,44
Bengal ...	37,80	1,55,38	1,52	6,65	14	1,93	16,50	1,46,16	3,66,08
N.-W. Provinces and Oudh ...	27,67	58,34	92	6,88	2,67	18,53	8,17	2,93,73	4,16,91
Punjab ...	16,36	56,71	77	2,32	3,47	24,66	15,07	1,16,39	2,35,75
Madras ...	31,35	58,30	1,23	3,70	4,79	13,66	5,79	1,47,61	2,66,43
Bombay ...	45,82	1,00,46	3,84	3,63	15,13	22,59	15,94	2,13,44	4,20,85
Remittance Adjustment ...	...	...	...	...	...	...	...	56	56
TOTAL OUTGOINGS	1,87,06	5,77,73	11,10	23,92	28,60	1,04,40	97,58	15,22,61	25,53,00

SUMMARY OF ACCOUNTS FOR THE FOUR MONTHS ENDING JULY 1882.

Lakhs of Rupees

	RECEIPTS.					OUTGOINGS.				
	Accounts till May.	TELEGRAPHIC. June.	TELEGRAPHIC. July.	Total 4 months	Budget Estimate, 4 months	Accounts till May.	TELEGRAPHIC. June.	TELEGRAPHIC. July.	Total, 4 months.	Budget Estimate, 4 months.
Civil Revenue	9,11	5,31	3,29	17,71	17,49	...	...	...	...	...
Civil Expenditure	...	...	...	...	...	5,08	1,75	1,87	8,70	8,66
Military Department	11	6	5	22	41	2,06	1,05	1,04	4,15	4,02
Public Works Department ...	1,31	71	59	2,61	2,41	1,92	86	97	3,75	3,89
Forest, Telegraph, and Marine Departments (net)	...	...	...	...	...	3	2	...		4
Post Office Department (net) ...	5	2	3	10	...	...	...	...	...	1
Guaranteed and Subsidized Railways ...	98	37	21	1,56	96	...	...	...	...	...
Imperial Loan	...	...	...	...	...	5	52	2	59	58
Council & Hong-Kong Bills, incl. Exchange	...	...	...	...	...	3,42	60	46	4,48	6,17
Mint and Coinage Accounts ...	...	...	...	...	...	72	...	—56	16	...
Civil Debt and Remittance (net) ...	33	—1	7	39	26	...	...	...	...	...
Total ...	11,89	6,46	4,24	22,59	21,53	13,28	4,80	3,80	21,88	23,37
Opening Balance	14,52	13,13	14,79	14,52	14,20	...	...	...	...	...
Closing Balance	...	...	...	...	...	13,13	14,79	15,23	15,23	12,36
GRAND TOTAL ...	26,41	19,59	19,03	37,11	35,73	26,41	19,59	19,03	37,11	35,73

J. WESTLAND,
Comptroller General.

ACCOUNTANT GENERAL'S OFFICE.
Public Works Department.

NOTIFICATION.

Statement of the Monthly Accounts of the several Branches of the Public Works Department received in the Office of the Accountant General, Public Works Department, up to the 1st August 1882.

PUBLIC WORKS (BUILDINGS AND ROADS AND MILITARY WORKS BRANCH) AND TELEGRAPH.

Order of receipt.	Accounting Offices.	Last month for which received.	Date of receipt.
1	Punjab	May 1882	July 10, 1882
2	Coorg	Do. „	Do. 12, „
3	Assam	Do. „	Do. 19, „
4	Beluchistan Agency ... / Military Works ...	Do. „	Do. 22, „
6	British Burmah ... / Central India... ... / Port Blair	Do. „	Do. 25, „
9	Rajputana	Do. „	Do. 26, „
10	Hyderabad (Imperial) ... / Hyderabad Assigned Districts.	Do. „	Do. 27, „
12	Bengal	Do. „	Do. 31, „
13	Madras ... ... / Bombay	Apl. „	June 27, „
15	Central Provinces ...	Do. „	July 17, „
16	North-Western Provinces and Oudh.	Do. „	Do. 22, „
	TELEGRAPH.		
1	Indo-European Telegraph	May 1882	July 31, 1882
2	Indian „ ...	Do. „	Aug. 1, „

IRRIGATION.

Order of receipt.	Accounting Offices.	Last month for which received.	Date of receipt.
1	Assam ... ... / Punjab	May 1882	July 19, 1882
3	Rajputana	Do. „	Do. 24, „
4	British Burmah ...	Do. „	Do. 25, „
5	Bengal	Do. „	Do. 31, „
6	Bombay	Apl. „	June 26, „
7	Madras	Do. „	Do. 27, „
8	North-Western Provinces and Oudh.	Do. „	Do. 29, „
	GUARANTEED RAILWAYS.		
1	Punjab	May 1882	July 10, 1882
2	State Railway Stores Branch.	Do. „	Do. 19, „
3	Bengal	Do. „	Do. 25, „
4	Bombay	Do. „	Do. 31, „
5	Madras	Apl. „	June 27, „
6	North-Western Provinces and Oudh.	Do. „	July 21, „

STATE RAILWAYS (CAPITAL).

Order of receipt.	Accounting Offices.	Last month for which received.	Date of receipt.
1	Punjab Provincial Survey	May 1882	June 24, 1882
2	Garo Hills Survey ...	Do. „	Do. 27, „
3	Umritsar & Pathancote ...	Do. „	July 10, „
4	Rangoon & Sittang Valley / Rangoon and Irrawaddy Valley.	Do. „	Do. 18, „
6	State Railway Stores Branch. / Dhond & Manmad ... / Khamgaon ... ... / Omraoti	Do. „	Do. 19, „
10	Bhopal ... ... / Nalhati ... ... / Patna & Gya ... / Wardah Coal ... ... / Punjab Northern ...	Do. „	Do. 21, „
15	Bengal Provincial Surveys / Nagpur-Chhattisgarh ... / Central Bengal ... / Bhavnagar & Gondal ...	Do. „	Do. 24, „
19	Rajputana-Malwa ... / Sindia ... ... / Rewari-Ferozepur ...	Do. „	Do. 25, „
22	Calcutta & South-Eastern / Holkar ... ... / Nizam's	Do. „	Do. 28, „
25	Northern Bengal ...	Do. „	Do. 29, „
26	Kandahar ... ... / Aehnera-Muttra ...	Apl. „	June 21, „
28	Indus Valley ... ... / North-Western Provinces & Oudh Light Railway Surveys.	Do. „	Do. 22, „
30	Ghazipur-Dildarnagar ...	Do. „	Do. 24, „
31	Tirhoot ... ... / Southern Mahratta ...	Do. „	Do. 26, „
33	Madras Railway Survey ...	Do. „	Do. 27, „
34	Muttra-Hathras ... / Cawnpur-Furruckabad ...	Do. „	Do. 30, „
36	Calcutta & South-Eastern Extension.	Do. „	July 8, „
37	East Indian	Do. „	Do. 17, „

STATE RAILWAYS (REVENUE).

Order of receipt.	Accounting Offices.	Last month for which received.	Date of receipt.
1	Rangoon and Irrawaddy Valley.	May 1882	July 18, 1882
2	Nagpur-Chhattisgarh ...	Do. „	Do. 19, „
3	Punjab Northern ...	Do. „	Do. 21, „
4	Wardah Coal	Do. „	Do. 22, „
5	Rajputana-Malwa ...	Do. „	Do. 25, „
6	Nalhati ... ... / Patna & Gya ... / Bhavnagar & Gondal ...	Do. „	Do. 26, „
9	Tirhoot	Do. „	Do. 27, „
10	Northern Bengal ... / Sindia ... ... / Nizam's	Do. „	Do. 28, „
13	Calcutta & South-Eastern	Do. „	Do. 29, „
14	Indus Valley	Apl. „	June 22, „
15	Muttra-Hathras ... / Cawnpur-Furruckabad ...	Do. „	Do. 30, „
17	East Indian	Do. „	July 17, „

Simla, the 4th August 1882.

L. CONWAY-GORDON, *Major, R.E.,*
Offg. Accountant General, P. W. Dept.

Statement of the Affairs of the Bank of Bengal for the week ending 8th August 1882.

LIABILITIES.	Rs.	A.	P.
Capital paid-up	2,00,00,000	0	0
Reserve Fund	33,11,886	4	4
Public Deposits at Head Office (Rs. 70,07,946 12 11)	2,78,41,543	3	8
Public Deposits at Branches (Rs. 2,08,33,596 6 9)			
Other Deposits at Head Office and Branches	2,69,98,595	0	9
Bank Post Bills, &c.	4,44,885	4	11
Sundries	9,64,108	10	6
RUPEES	7,95,61,018	8	2

ASSETS.	Rs.	A.	P.
Government Securities	80,07,369	2	0
Other authorized Investments	45,59,315	0	0
Loans on Government and other authorized Securities	54,28,506	1	7
Accounts of Credit on Government and other authorized Securities	41,49,476	6	4
Bills discounted and purchased	2,67,16,583	3	4
Balances with other Banks	3,24,329	15	4
Bullion	2,89,534	5	11
Dead Stock	11,92,881	11	8
Stamps	8,205	2	0
Sundries	6,70,707	13	10
	5,13,46,908	14	0
Cash and Currency Notes at Head Office (Rs. 70,97,480 4 5)	2,82,14,109	10	2
Cash and Currency Notes at Branches (Rs. 2,11,16,629 5 9)			
RUPEES	7,95,61,018	8	2

By order of the Directors.

BANK OF BENGAL,
Calcutta, 10th August 1882.

J. GORDON,
Chief Acctt. & Depy. Secretary.

W. D. CRUICKSHANK,
Offg. Secy. & Treasurer.

POST OFFICE.

NOTIFICATIONS.

Simla, the 7th August 1882.

No. 4931.—Appointments in the Post Office Department made by the Director General of the Post Office of India :—

POSTAL CIRCLE, MADRAS.

Mr. J. Dique is appointed to be Post Master of Hyderabad (Deccan).

Mr. H. M. D'Rozario is appointed to be Post Master of Bangalore.

POSTAL CIRCLE, N.-W. PROVINCES.

Mr. J. W. Welsh is appointed to officiate as a Superintendent of the 1st Grade, and to be Personal Assistant to the Post Master General.

Pundit Saligram is appointed to officiate as a Superintendent of the 4th Grade.

E. R. DOUGLAS,
Depy. Dir. Genl. of the Post Office of India.

Unclaimed Letters held in the Calcutta General Post Office on 6th August 1882.

Campbell, Major A. D.
Cox, Mrs. H.
Dillon, Hon'ble Miss.
Fletcher, Mrs.
Muller, F.
Russell, D. K. C.

Letters marked "Care of Post Office."

A. Z.
Bailey, J. R.
Bancner, H. B.
Bercavetz, Abraham.
Blatchford, Wm.
Blessley, C.
Bockman, C.
Bose, K. B.
C. B. & Co.
Cahill, G.
Concannon, J.
Cornelling, E.
Cotton, Lieutenant.
Cresswell, G. W.
Crow, Mrs. Eliza.
Cunningham, D. W.
Dino Nath Mullick.
Dodds, F. L.
Driscoll, D. O.
Everson, Thomas R.
G. L.
Garanger, George.
Giris Chunder Turufdar.
Green, R. H.
Hankivez, C.
Hartley, S. R.
Herbert, Mrs. R.
Hobson, W. A.
Howard, Percy.
Hunt, I. O.
Kanai Lall Seal.
Kegel, F. G. M.
Kennedy, R. H.
Kennet, C. A.
Kruger, Mrs. G.
Lissant, S. H.
"Marah."
Massy, J.
McClillan.
McIntyre, J.
McReynolds, John.
Mill, Wm. F.
Morrison, D. J.
"May."
Munro, W.
Orinstein, Signiori Scapria.
Pereira, E. S. B.
Procter, W.
Radcliffe, J.
Rex, Miss.
Rhodes, D.
Roberts, E.
Rook, Mr.
Shanto Chunder Bose.
Stevens, Mrs. R. G. H.V.
Stoble, Lt. J. C.
Strachan, E.
Strongs, W. S.
Tipper, Alex. Earnest Gore.
Traiche, Miss E.
Turner, Oswald.
Wright, Mrs. H.
W. S. G.

Registered Letters.

Cunningham, Miss.
Gleeson, Y. M. T.
Howard, E.
Kellie, Mrs. L.
Peters, Mrs. D.
Wilkie, Jos.

SEA AND FOREIGN MAILS.

Calcutta, the 11th August 1882.

Foreign Mails for	Date.	Per Steamer
	1882.	
Persian Gulf	18th Aug.	From Bombay.
Madras, Ceylon and Intermediate Ports	17th "	Str *Ellora*.
Madras and Ceylon	19th "	Str. *Assam*.
Colombo, Penang, Singapore, Hong-Kong, Shanghai, Yokohama and Australian Colonies	22nd "	From Bombay.
Foreign Mails *vid* Bombay	19th "	From Bombay.*
Do. Book Post and Pattern Packets	18th "	From Bombay.
Rangoon, Moulmein, and Straits	16th "	Str. *Chinsura*.
Chittagong, Akyab, Kyouk Phyoo, and Rangoon	17th "	Str. *Bukeer*.
Madras, Ceylon, Batavia, Singapore, and China	14th "	French Str. *Tibre*
Straits and Hong-Kong	16th "	Strs. *Moray* & *Paxo*.

* Also for Cape Town and Natal *vid* England, also *vid* Aden for Mauritius, Mahé (Seychelles), Moyette, Nassi Be and Réunion can be forwarded.

From the 31st August 1882 the Mails for British Burma will be closed every Thursday instead of on Wednesday. The last Wednesday Mail will be closed on the 23rd and the first Thursday Mail on the 31st August 1882.

N.B.—The letter-box will close at 7 P. M. precisely; after which hour foreign letters, fully prepaid and bearing an extra postage stamp of four (4) annas on each cover, will be received up to 7-30 P. M.

E. HUTTON,
Presidency Post Master.

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This preparation is an efficient substitute for Quinine and can be purchased by Government officers for public and charitable purposes, and by any one taking *twenty pounds* at a time, from the Superintendent, Botanical Garden, Calcutta, *for cash only*, at the following rates :—per four ounce tin, *Rs. 4-8*; per eight ounce tin, *Rs. 8-8*; per pound tin, *Rs. 16-8*. The general public can be supplied by the Superintendent, Botanical Garden, *for cash only*, at the under-noted rates :—per four ounce tin *Rs. 5-8*; per eight ounce tin *Rs. 10-8*; per pound tin, *Rs. 20*. This medicine is also sold

by the principal European and Native druggists in Calcutta. Postage 8 annas per four and eight ounce tins, and 12 annas per pound tin, in addition to the foregoing rates.

گورنمنٹ سنکونا فبري فيوج

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اور عوام الناس بوٹانكل گارڈن يعنے كمپني باغ كے سپرنٹنڈنٹ صاحب سے بقيمت نقد حسب نرخ ذيل خريد كرسكتے هين يعنے نرخ چار اونس ٹين كا پانچ روپيه آٹهه آنه ; آٹهه اونس كے ٹين كا دس روپيه آٹهه آنه ; ايك پونڈ كے ٹين كا بيس روپيه

يهه دوا كلكته كے بڑے بڑے ولايتي اور ديسي دواخانوںمين بكتي هى ماسيواے قيمت مذكورۂ بالا كے محصول ڈاك چار اور آٹهه اونس كے ٹين كا آٹهه آنه ; اور ايك پونڈ كے ٹين كا بارہ آنه

Meteorological Publications for Sale.

The following publications of the Meteorological Office of the Government of India are on sale and can be procured at the Meteorological Office, No. 4, Middleton Row, or either at Messrs. Thacker, Spink & Co., or at Messrs. Brown & Co., at the prices noted against them :—

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HENRY F. BLANFORD,
Meteorological Reporter to Government of India.

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A few sets of the Bengal Law Reports (Volumes 1 to 15) are available at Messrs. Thacker, Spink & Co., Calcutta, at Rs. 375 a set.

Charts, &c., issued at the Marine Survey Department, Calcutta, by order of the Government of India, and sold at the Office of the Marine Survey Department, 4-4 Loudon's Buildings, Hastings Street, Calcutta, where Admiralty Charts can also be obtained.

☞ **All Charts are corrected up to the date of issue.**

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Coromandel Coast. Sheet No. 2, from Latitude 15° to 16° 30′ N. *Re. 1.*
Sheet No. 3, from Latitude 13° to 15° N. *Re. 1.*
Sheet No. 4. *Re. 1.*
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Catalogue of Original and other documents deposited in the Marine Survey Department, 1881. *Not for sale.*

Hydrographic Notices—

No. 1. Rangoon River. *Annas 4.*
„ 2. Cancelled; superseded by Notice No. 8 *Annas 4.*
„ 3 Cancelled; superseded by Notice No. 18. *Annas 4.*
„ 4. Cancelled; superseded by Notice No. 23. *Annas 4.*
„ 5 Kyouk Phyou Harbour. *Annas 4.*
„ 6 Salween (Maulmain) River. *Annas 4.*
„ 7. Approaches to Point de Galle Harbour. *Annas 4.*
„ 8. Mergui Archipelago. Pages 7 to 10 of this Notice superseded by Notice No. 18. *Annas 4.*
„ 9. Indus Banks and Kurrachee. *Annas 4.*
„ 10. Pámban (Paumben) Pass. *Annas 4.*
„ 11. Andaman Islands. *Annas 4.*
„ 12. Jiddah Harbour, Red Sea. *Annas 4.*
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„ 14. Red Sea, 1878. *Annas 4.*
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„ 18. Coast of Siam, including Junkseylon and adjacent islands. *Annas 4.*
„ 19. Africa, East Coast, Pemba Island and adjacent Coast. *Annas 4.*
„ 20. India, West Coast, the coast from Kundari Island to Chaul, and the harbours of Dabhol and Jaygad. *Annas 4.*
„ 21. Arabian Coast, Rás Matbakh, 1880. *Annas 4.*
„ 22. Red Sea. Notes from various sources, 1880. *Annas 4.*
„ 23. Coast of Orissa False Point Harbour and Approaches. *Annas 4.*
„ 24. India, West Coast, Harbours of Karwar and Bankot. *Annas 4.*
„ 25. Africa, East Coast, Zanzibar to Barava *Annas 4.*
„ 26. Red Sea. Notes from various sources, 1880, 1881. *Annas 4.*

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No. 1. Fixed Light on Green Island, Hong-Kong, China.
„ 2. Malwan Rock, Malwan.
„ 3. Fixed white Light at Dwarka, Kattywar.
„ 4. Mooram Shulli Tivo Island, and Devil's Point, Gulf of Manaar.
„ 5. (1) Fixed Light at Vizagapatam.
(2) Coral Shoal of Caltura, Ceylon.
(3) Rock off Barberyn Island.
„ 6. Foundering of the Buoy Vessel *Mata Mata*, Rangoon.
„ 7. (1) Revolving Light near Acheen Head, Malacca Strait.
(2) Auxiliary Light to above.

Notices to Mariners issued during the year 1876—

No. 1. Temporary discontinuance of Hope Island Light during repairs to Light-house column, Coromandel Coast.
„ 2. Exhibition of Hope Island Light, Coromandel Coast.
„ 3. Prohibited anchorage near the British Indian Submarine Telegraph Cable, Madras.
„ 4. (1) Pulo Brasse auxiliary Light, Malacca Strait.
(2) Island between Pulo Nias and Sumatra.
„ 5. Vessels trading to Réunion, Indian Ocean.
„ 6. Replacement of the Buoy on the western edge of Dolphin Shoal, Chittagong Coast.
„ 7. China Bakeer Light, Martaban Gulf.
(2) Intended exhibition of Light on the Oyster Reef, Akyab.
„ 8. Fixed white Light at Verawal.
„ 9. Buoyage of Kyouk Phyou, British Burma.
„ 10. Fixed white Light at Bet or Beyt (Gulf of Cutch), Kattywar.
„ 11. Fixed white Light at Porbandar, Kattywar.
„ 12. (1) Displacement of the Buoy in Narakel Roadstead, Cochin.
(2) Buoy marking the Smooth-water anchorage to the southward of Alipee (Aulapolay), Travancore.
„ 13. (1) Intended Light on Pulo Pisang, Malacca Strait.
(2) Sunken reef in Siberoot Strait, Sumatra, West Coast.
„ 14. Deposit of stone mound at the end of the breakwater Colombo, Ceylon.
„ 15. Period of exhibition of the *blue* Light during the South-west monsoon, from the Eastern Channel Light-vessel at the entrance to River Hooghly.
„ 16. Rock near west end of Pulo Brasse.
„ 17. (1) Beacon on two fathom patch off Batticaloa Road, Ceylon.
(2) Suspension of Light at Vizagapatam.
„ 18. Directions for Kurrachee Harbour.
„ 19. Beacon on two fathom patch off Batticaloa Road, Ceylon.
„ 20. Fixed Light at Calingapatam Point, Coromandel Coast.

Notices to Mariners issued during the year 1877—

No. 1. Alteration in Manora Point Light, Kurrachee.
„ 2. Dangers at Goa and Marmagao Roadstead.
„ 3. Existence of rocky patches, Beypore.
„ 4. Pooree Port limits, Orissa Coast.
„ 5. Extension of the Hajamri Mouth of the River Indus.
„ 6. Red Lights at Port Victoria, Mahé, Seychelles.
„ 7. Light at Port Berbereh, Gulf of Aden.
„ 8. Rock off Hingie Island, Bassein River.
„ 9. Rock off Pegu Coast.
„ 10. Coral Patch near Sultan Shoal, Singapore Strait.
„ 11. "Intermediate" Light-ship, entrance to River Hooghly.
„ 12. Position of Cochin Light-house.
„ 13. Position of Raleigh Rock, and additional beacons, Bombay.
„ 14. Buoy, marking Gindurah Rock, Galle.
„ 15. Alteration in Manora Point Light, Kurrachee; and discovery of a bank near Towak Island, Red Sea.
„ 16. Dangerous rocks in Forrest Strait, Mergui Archipelago and Richelieu Rock off Kopah Inlet.
„ 17. Alteration in position of "Intermediate" Light-ship, entrance to River Hooghly.
„ 18. Destruction of the Krishna Shoal Light-house.
„ 19. Correct position of Santipilly Light-house.
„ 20. Anchorage Buoys in Madras Roadstead.
„ 21. Light-vessel near Krishna Shoal, Burma.
„ 22. Additional information, Krishna Shoal Light-vessel and Light at Pooree.
„ 23. Alteration of position of Chittagong Lights.
„ 24. Night Signals shown by British Pilot Vessels in the English Channel.

Notices to Mariners issued during the year 1878—

No. 1. Position of Middle Ground, Bombay.
„ 2. Error in position of Krishna Shoal Light-vessel.
„ 3. New Lights in Sunda Strait, &c.
„ 4. Corrected position of Krishna Shoal Light-vessel.
„ 5. Alteration of colour of Chittagong beacons, and intended alteration in Dolphin Rock Light, Bombay.
„ 6. Alteration of Malwan Light.
„ 7. Kintoan Light-vessel, Yang-tse-Kiang.
„ 8. Burgess Rock off Hingie Island, Bassein River, Burma.
„ 9. Fairway Buoy at False Point, Orissa.
„ 10. (1) Intended Light and Fog Signal on Little Basses Rocks, Ceylon.
(2) Intended alteration in Great Basses Rocks Fog Signal.
„ 11. Corrected positions of Zebayir Islands, Jebel Zukur and the Hánish Islands, Red Sea.
„ 12. Fog Signals and distinguishing marks for Light-vessels, River Hooghly.
„ 13. Exhibition of Light on Little Basses Rocks, Ceylon.
„ 14. Beacon on Chaul Kadu Rock, Bombay.
„ 15. Shoal near Tumb Island (Jazirat Tanb), Persian Gulf.
„ 16. Light at Batticaloa, Ceylon.
„ 17. Upper Gasper Light-vessel, entrance to river Hooghly.
„ 18. Red Lights on North Groyne of Harbour Works, Madras.
„ 19. Reported shoal, N. N. E. of Bahrein, Persian Gulf.
„ 20. Alteration of colour of Light at Klang Strait, Strait of Malacca.
„ 21. Additional information concerning the reported shoal, N. N. E. of Bahrein.
„ 22. Deposit of stone, eastward of Harbour Works, Madras.
„ 23. Reported Shoal, North-West of Cheduba Island.
„ 24. Exhibition of blue Lights and Maroons at Krishna Shoal Light-vessel.
„ 25. Deposit of stone, eastward of Harbour Works, Madras (additional information).
„ 26. Vessels prohibited from anchoring near the Sub-marine Telegraph Cable between Diamond Island and the mainland.
„ 27. Intended exhibition of a revolving Light at Vakalapudi, in the Godavery District.

Notices to Mariners issued during the year 1879—

No. 1. Permanent moorings for Eastern Channel Light-vessel entrance to Hooghly River.
„ 2. Sunken danger in Mergui Archipelago.
„ 3. Revolving Light at Vacalapudi in the Godavery District.
„ 4. Intended alteration in False Point Light.
„ 5. Shifting of the entrances to Honore (Honawar) and Mangalore, on the Malabar Coast.
„ 6. Fixed Light at Roji (Nowa Nugga) in the Gulf of Cutch.
„ 7. Fixed Light at the entrance to Toona Creek in the Gulf of Cutch.
„ 8. Fixed Light at Goapnath Point in the Gulf of Cambay.
„ 9. Wreck-marking vessels.
„ 10. The alteration in the position and improvement of Pooree Port Light.
„ 11. Shoal coral ground in Strait of Banka.
„ 12. Delagoa Bay. Removal of Cockburn Light-vessel in bad weather.
„ 13. (1) Alteration in position of Beacons and Leading Lights—Burnett River Entrance, Australia.
(2) Fixed Light on Flat-top Islet—Pioneer River—Rocky Islets.
(3) Revolving Light on Low Isles—Trinity Bay.
(4) Leading Lights at Cook Town—Endeavour River Entrance—Cook Harbour.
„ 14. Sunken dangers between Alguada Reefs and Diamond Island—Bay of Bengal.
„ 15. Flashing white Light on Puysegur Point—New Zealand.
„ 16. Dangerous rocks, N. N. W. and S. E. of the southernmost of the Brothers Islands—Andaman Islands.
„ 17. Australia—South Coast—Gulf of St. Vincent.
(1) Prohibited anchorage near Telegraph Cable, Port Phillip.
(2) Buoys marking battery practice range at William's Town.
(3) Fixed and Flashing Light on North Reef.
„ 18. Longitude of the Time Ball, Calcutta, and of Saugor Light-house, River Hooghly.
„ 19. (1) Discontinuance of additional Light at Fourth Point—Sunda Strait—Java.
(2) Shoal in the Fairway to Batavia Road.
(3) Fixed Light on Meinder's Reef—Madura Strait.
„ 20. (1) Shoal ground westward of Durnford Point—South Coast of Africa.
(2) Distinguishing features marking the entrance to Tugela River.
(3) Distinguishing entrance to Umhloti River.

No. 21. Buoys off Karwar Harbour (Sadashigar).
„ 22. (1) Alterations in Lights at St. Paul and St. Denis, Réunion Island.
(2) Harbour Light at St. Pierre.
„ 23. Buoys off Kárwar Harbour (Sadashigar).
„ 24. Buoys and Beacons, Zanzibar Harbour.
„ 25. Alteration of False Point Light—Coast of Orissa.
„ 26. Red Buoy marking smooth-water anchorage off Porcaud, Alleppey.
„ 27. Change in the Anchorge Limits of the Port of Madras.
„ 28. Intended discontinuance of Light at El-weg (Sherm Wej-h), Red Sea.
„ 29. Interval of intended exhibition of blue Lights and Rockets at False Point Light-house.
„ 30. Replacing of the buoys at the entrance to Cochin Harbour and extinguishing of Narrakel Light.
„ 31. Range of visibility of the Light exhibited from Krishna Shoal Light-vessel.
„ 32. Light at Batticaloa.
„ 33. Black buoys laid down in Calicut Roadstead to mark the limits of foul ground.
„ 34. Light at Batticaloa.
„ 35. Replacing of the buoys off Karwar Harbour (Sadashigar)
„ 36 Telegraph buoy, south of Aden.
„ 37. Black buoy off Point Gordeware (Godavery).
„ 38. Light at Batticaloa.
„ 39. Exhibition of a leading Light in Suez Bay.
„ 40. Madras Semaphore.
„ 41. Black buoy off Point Gordeware (Godavery).
„ 42. Madras Semaphore.
„ 43. Buoys at Calicut.

Notices to Mariners issued during the year 1880—

No. 1. Prohibited anchorage near the telegraph cables in Zanzibar Harbour.
„ 2. Discontinuance of Maroon Lights at Krishna Shoal Light-vessel.
„ 3. Exhibition of the new fixed Light at False Point.
„ 4. Extension of the period of exhibition of the "Intermediate" Light at the entrance to the Hooghly River.
„ 5. Alterations in the position and visibility of the Light exhibited from Port Canning, Singapore.
„ 6. Alteration of position and elevation of the red Light at Cannanore.
„ 7. Discontinuance of the exhibition of Maroons from the Light-vessels of the Hooghly River
„ 8. Fixed Light at Tolkeshwar, Dadhol or Anjanvel.
„ 9. Lights at Port Ibrahim, Suez.
„ 10. Changes in the buoyage of the port, Madras.
„ 11. Intended alteration of Kenery (Kundari) Island Light.
„ 12. Flashing Light on Flat Cape, Sunda Strait.
„ 13. Destruction of First Point Light-house, Java.
„ 14. Harbour Light at Beliling, Baly Island.
„ 15. Position of Gwalia Reef, Carimata Strait.
„ 16. Position of Parkin Rock. Hanish Islands, Red Sea.
„ 17. Shoal south-west of Barren Islands, west coast of Madagascar.
„ 18. Intended alteration in Light apparatus at Calicut.
„ 19. Lights at Port Ibrahim, Suez (additional information).
„ 20. Intermittent flashing Light on Pulo Undan, Malacca Strait.

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„ 2. Rules for regulating the entry and departure of vessels using Madras Harbour.
„ 3. Re-exhibition of Light on First Point, Java.
„ 4. Light at Tagal, Java.
„ 5. Beacon on Borongo Island, Akyab.
„ 6. Discontinuance of Armeghon light and intended change of colour of Pulicat Light.
„ 7. Tidal semaphore at entrance to Chittagong River.
„ 8. Alteration of colour of Light at Ratnagiri.
„ 9. Red Light on Colombo breakwater.
„ 10. Red buoy off Godavery Point, Cocanada.
„ 11. Alterations to Lights at Paumben and Tellicherry.
„ 12. Particulars of Light at First Point, Java.
„ 13. Alteration in character of Light at Flat Cape, Sumatra.
„ 14. Removal of north buoy, Madras Harbour.
„ 15. Range of visibility of the light at Paumben.
„ 16. Beacons for clearing the south-west Prong, Bombay Harbour.
„ 17. Lights at Zanzibar.
„ 18. Gas buoy at entrance to Port Said, Suez Canal.
„ 19. Revolving light at Armeghon.
„ 20. Beacon on Tucker's patch, Bombay Harbour.
„ 21. Fixed Light at Pulicat.
„ 22. Fixed Light at Ratnagiri.
„ 23. Occasional observation of light at False Point.
„ 24. Breaking adrift of Karwar rock buoy, Karwar or Sadashivgad.
No. 25. Date of exhibition of permanent white Light at Calicut.
„ 26. Alteration of colour of Katubdea Light-house, Chittagong coast
„ 27. Exhibition of red and green Lights at Pondicherry.
„ 28. New beacon on Kal-ah-kebirah Shoal, Gulf of Suez.
„ 29. Reported coral reef off Batticaloa.
„ 30. Revised rules for vessels using Madras Harbour.
„ 31. Wreck buoy to mark wreck of Mariana, Madras Coast.
„ 32. Removal of the Red Buoy off the head of the South Harbour Pier, Madras.
„ 33. Temporary exhibition of a small dioptric Light at the Eastern Grove Light-house, at the entrance to the Rangoon River.
„ 34. Reported incorrect position of Crocodile Rock, Cadiapatam or Muttum Point.
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„ 40. Revolving Light to be exhibited from a Light-vessel to be anchored off the Formosa Bank, Malacca Strait.

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The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, AUGUST 12, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART III.

Advertisements and Notices by Private Individuals and Corporations.

PROMISSORY NOTES.

Lost or Destroyed

The Government Promissory Note, No. 3981 of 14965, of the 4 per cent. of 1835-36, for Rs. 1,000, originally standing in the name of Raja Indoo Bhusun Deb Roy, and last endorsed to Poorno Chunder Gangooly, the proprietor, by whom it was never endorsed to any other person. Payment of the above Note and the interest thereupon have been stopped at the Public Debt Office, Bank of Bengal, and application is about to be made for the issue of duplicate in favour of the proprietor.

POORNO CHUNDER GANGOOLY,
Serampore.

Lost

The sixty-seven Government Promissory Notes of 1865, of which five notes bearing Nos. 040121 to 040125 of the 4 per cent. of the Bengal Bank, for Rs. 10,000 each, sixty-one Notes, Nos. 040126 to 040186 of the 4 per cent., for Rs. 10,000 each, and one Note, No. 040187, of the 4 per cent., for Rs. 5,600, originally standing in the name of Fakhrudin Mahamad Ahsan *alias* Azimuddin Chowdhory of Dulai, in the District of Pubna, and last endorsed to Mohameduddin Ahmed *alias* Hyderjan Chowdhory, the proprietor, by whom they were never endorsed to any other person. Payment of the above Notes and the interest thereupon have been stopped at the Public Debt Office, and application is about to be made for the issue of duplicates in favour of the proprietor.

MOHAMEDUDDIN AHMED *alias*
HYDERJAN CHOWDHORY OF DULAI.

PUBNA,
The 7th August 1882.

Lost, Stolen, or Mislaid

The Government Promissory Note, No. 037271, of the Transfer Loan, 1879, 4½ per cent. portion, for Rs. 500, originally standing in the name of the Bank of Bombay, and last endorsed to Soonabai, widow of Maneckji Bhikaji Cootar, and Cursetbai, wife of Nusserwanji Nowroji Cootar, the proprietresses, by whom it was never endorsed to any other person. Payment of the above Note and interest thereupon have been stopped at the Public Debt Office, Bombay, and application is about to be made for the issue of a duplicate in favour of the proprietresses.

SOONABAI,
Widow of Maneckji Bhikaji Cootar.

CURSETBAI,
Wife of Nusserwanji Nowroji Cootar.

SUPPLEMENT TO
The Gazette of India.

№ 32.} CALCUTTA, SATURDAY, AUGUST 12, 1882.

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GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

[TELEGRAPH.]

ABSTRACT OF FOREIGN TRAFFIC FOR THE MONTH OF APRIL 1882.

CLASS OF MESSAGES.	ROUTE.																				TOTAL.	
	WEST.								EAST.													
	VIA TEHERAN.		VIA TURKEY.		PERSIAN GULF.		VIA SUEZ.		VIA AMUR.		VIA MADRAS.		VIA RANGOON.		NATIVE BURMA.		VIA PAUMBEN.			
	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.	No.	Indian Value.
INDIAN.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.		Rs. A.
Sent . . .	2,484	10,493 5	69	167 15	34	96 0	3,926	10,803 10	...	...	723	1,431 11	155	409 9	420	622 0	1,572	3,105 7	9,383	27,129 9
Received . .	1,674	9,098 14	99	327 1	53	166 11	4,158	16,408 12	1	2 4	804	2,445 10	252	823 9	...	...	1,478	2,875 8	8,519	32,148 5
TOTAL .	4,158	19,592 3	168	495 0	87	262 11	8,084	27,212 6	1	2 4	1,527	3,877 5	407	1,233 2	420	622 0	3,050	5,980 15	17,902	59,277 14
TRANSIT. From East to West—																				
Received. *Vid* Madras .	165	608 4	1	1 2	8	22 2	4,142	16,421 10	...	...	...	...	...	...	...	...	...	...	4,316	17,053 2
„ Rangoon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ Laingha .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ Paumben	22	92 9	1	3 7	...	...	468	1,417 1	...	...	...	...	...	...	...	...	...	...	491	1,512 1
From West to East—																				
Sent. *Vid* Madras .	1,276	5,386 14	54	165 12	6	19 8	2,860	11,241 6	4	7 8	...	...	...	...	...	...	...	...	4,200	16,801 0
„ Rangoon .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
„ Laingha .	1	5 7	1	2 11	...	...	2	7 3	...	...	...	...	...	...	...	...	...	...	4	15 5
„ Paumben	119	552 9	5	20 14	1	2 12	251	845 15	...	...	...	...	...	...	...	...	...	...	376	1,422 2
From West to West—																				
Vid Bombay and Karachi.	...	...	...	...	4	14 13	...	...	...	...	...	...	...	...	...	...	...	...	4	14 13
Vid Karachi and Bombay.	...	...	...	...	3	7 2	...	...	...	...	...	...	...	...	...	...	...	...	3	7 2
From East to East—																				
Vid Paumben .	...	...	...	...	...	...	...	...	...	...	53	236 5	1	1 8	...	...	...	...	54	237 13
„ Madras .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	35	147 12	35	147 12
TOTAL .	1,583	6,625 11	62	192 14	22	66 5	7,723	29,933 3	4	7 8	53	236 5	1	1 8	...	...	35	147 12	9,483	37,211 2
																	GRAND TOTAL ...		27,385	96,489 0

ABSTRACT OF FOREIGN TRAFFIC WITH INDIA BY THE INDO-EUROPEAN AND RED SEA ROUTES FOR THE MONTH OF APRIL 1882.

ROUTE.		NUMBER OF MESSAGES BY EACH ROUTE (EXCLUSIVE OF TRANSIT).			PERCENTAGE OF NUMBER.		
		To India.	From India.	TOTAL.	To India.	From India.	TOTAL.
INDO-EUROPEAN	*Vid* Teheran	1,674	2,484	4,158	27·97	38·14	36·27
	„ Turkey	99	69	168	1·65	1·06	1·34
	Persian Gulf *vid* Karachi	53	34	87	0·89	0·52	0·70
RED SEA . .	*Vid* Suez	4,158	3,926	8,084	69·49	60·28	64·69
	TOTAL .	5,984	6,513	12,497	100·00	100·00	100·00

GOVERNMENT

DEPARTMENT OF FIN

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Madras.	Ganjam	5 14	11 13	13 0	...	...	...	17 13	17 13	17 13	19 8	19 10	19 8	...	...	...	...	...	...
	Vizagapatam	8 0	8 0	15 0	...	...	...	9 0	9 0	13 6	11 5	11 5	14 11	17 5	21 10	25 14	18 13	19 13	29 1
	Godavery	12 10	12 10	12 10	...	...	...	13 14	13 14	13 14	17 0	17 0	17 0	27 13	27 13	...	...	...	...
	Kistna	14 11	14 11	14 0	...	...	...	16 3	16 3	16 11	17 2	16 8	17 6	23 6	25 0	25 0	...	...	...
	Nellore	13 3	13 8	12 3	...	...	...	15 13	15 13	14 5	17 8	18 0	15 0	33 10	33 10	28 13	...	...	...
	Cuddapah	12 8	14 11	14 11	...	...	...	11 14	11 14	11 14	13 11	13 5	13 5	26 0	26 14	30 0	31 14	31 14	34
	Anantapur	14 6	14 6	11 8	...	...	...	13 14	15 0	13 14	15 2	16 3	15 2	30 14	30 14	37 0	18 13	18 13	18 1
	Bellary	15 0	16 5	16 5	...	...	...	12 5	12 5	13 6	13 8	13 8	15 11	33 0	31 14	39 2	22 13	25 6	31
	Kurnool	13 6	13 6	12 2	...	...	...	10 10	9 14	10 10	11 6	11 6	11 6	29 6	27 6	34 3	22 8	22 8	32
	Madras	9 13	10 2	9 8	...	...	...	13 5	13 8	13 8	15 2	15 2	14 14	23 0	23 0	23 0	25 0	26 6	22
	Chingleput	...	...	...	...	...	...	15 0	15 0	15 6	15 14	15 14	17 6	...	...	...	...	...	...
	North Arcot	11 6	11 14	11 0	...	...	...	14 0	15 0	15 0	17 5	16 14	17 5	32 3	32 13	27 5	28 14	29 11	28
	South Arcot	10 2	10 2	9 6	...	...	...	15 11	15 11	13 14	16 10	16 10	14 14	...	...	30 3	26 14	27 11	22
	Tanjore	11 0	11 0	11 0	...	...	...	17 13	18 5	14 2	...	...	...	36 10	35 13	26 3	32 10	31 14	29
	Trichinopoly	9 10	9 14	10 10	...	...	...	15 13	16 3	13 11	16 0	16 11	14 2	30 13	28 0	29 6	29 3	27 14	27 1
	Madura	11 0	11 11	12 14	...	...	...	16 0	15 8	13 0	16 8	16 0	13 8	34 0	30 13	25 14	32 5	30 14	26
	Tinnevelly	9 3	9 3	8 14	...	...	...	15 8	15 8	11 8	16 0	16 0	12 0	...	...	...	...	...	...
	Coimbatore	11 8	12 5	16 6	...	...	...	13 8	13 8	14 6	14 8	14 8	15 6	27 13	26 2	27 13	31 13	35 0	33
	Nilgiris	9 14	9 14	9 14	...	...	...	9 10	9 10	11 3	11 3	11 3	12 13	20 0	20 2	23 2	19 10	19 10	22
	Salem	12 11	12 11	13 10	...	...	...	14 10	14 10	14 0	15 10	15 10	16 0	29 2	29 2	27 5	23 13	23 13	26
	South Canara	8 10	8 10	10 5	...	...	...	9 11	9 11	8 11	13 3	13 11	14 11	...	...	...	...	...	...
	Malabar	7 14	7 3	7 14	...	...	...	14 10	15 0	15 13	15 0	15 6	16 10	...	...	...	...	...	...
Bombay.	Bombay	10 4	10 2	11 6	17 10	16 12	16 14	7 9	7 7	6 13	11 5	12 13	10 12	18 15	19 3	18 12	15 11	15 12	19
	Ahmedabad	12 8	12 8	15 0	...	...	29 0	31 0	31 0	8 0	8 0	8 0	12 8	17 0	17 0	27 0	14 8	14 0	23
	Kaira	12 5	11 7	14 9	20 0	20 0	29 1	10 0	9 2	9 6	15 4	14 9	14 9	17 12	16 0	22 14	15 4	14 0	19 1
	Surat	12 8	11 9	13 10	7 11	7 7	12 4	8 1	7 7	6 13	8 12	8 5	8 5	15 9	14 14	18 13	14 14	14 14	17 1
	Broach	12 5	12 5	16 0	...	...	...	9 6½	9 6½	8 14½	12 9	12 9	11 6¾	15 4	15 4	17 12½	13 10	13 10	17 1
	Tanna (Salsette)	9 12	9 12	11 11	...	...	...	8 3	8 3	7 3	10 0	10 0	11 4	18 10	18 10	18 10	15 0	15 0	18
	Colába (Alibág)	10 0	10 0	11 0	...	...	...	7 0	7 0	6 12	13 0	12 8	13 0	...	...	...	...	...	19
	Khandesh (Dhulia)	14 2	14 9	18 8½	...	...	...	7 4	7 4	7 4	10 15	10 15	10 15	23 13	23 13	27 3	18 14½	18 14½	23 6
	Násik	15 8	15 8	17 2	...	...	...	7 7	7 7	7 7	12 0	12 0	11 14	...	...	25 15	19 6	21 3	19 1
	Ahmednagar	14 1	14 0	17 4	...	...	...	9 9	10 0	8 8	11 12	12 6	10 8	28 0	27 6	33 4	23 8	22 5	26
	Poona	12 10	12 10	13 13	...	...	...	11 0	11 0	8 9	12 4	12 4	11 0	23 15	21 12	26 2	18 6	18 6	18
	Sholápur	14 1	14 1	15 14	...	...	...	10 7	10 7	11 7	11 5	11 5	11 13	31 15	31 1	32 12	23 14	23 14	28
	Kaládgi (Bagalkot)	19 0	19 0	17 8	14 0	15 0	14 8	6 8	6 8	7 12	9 0	9 0	9 12	35 0	33 0	27 8	29 0	29 0	27
	Satara	12 1	12 1	14 11	...	...	...	9 11	9 11	9 5	11 7	11 7	11 7	25 5	25 5	25 4	22 0	22 0	23
	Belgaum	19 0	19 0	18 0	13 0	12 0	11 0	10 0	10 0	11 0	10 8	10 8	11 8	27 0	25 0	27 0	24 0	24 0	30
	Dharwar (Hubli)	22 0	21 0	24 0	...	...	...	11 0	10 0	12 0	12 0	11 0	15 0	25 0	24 0	43 0	23 0	23 0	42
	Ratnágiri	10 9	10 9	10 9	...	...	...	7 13	7 13	9 4	12 11	12 11	12 11	18 3	18 3	20 13	14 11	14 11	14 1
	Kanara (Karwar)	9 0	9 0	13 0	...	...	...	8 0	8 0	7 13	11 8	12 0	15 0	16 0	18 0	22 0	...	...	...
	Pánch Maháls (Godhra)	11 6	11 6	13 5	...	...	...	11 6	11 6	11 6	15 0	15 0	15 0	22 8	22 8	40 0	16 0	16 0	24
	Aden	8 0	8 0	8 0	...	...	...	6 3	6 3	6 3	7 0	7 0	7 0	11 3	11 3	9 5	9 5	9 5	8
	Asirgarh	13 14	14 0	16 14	...	...	...	11 0	11 0	10 0	12 0	12 0	12 0	22 9	23 11	32 0	24 0	24 0	30
	Baroda	10 9½	10 8	11 7	14 12	14 0	18 5	8 12½	8 12	7 11	11 6	11 10½	11 2	16 6	16 5½	22 14	14 15	14 0	18 1
	Disa	13 4	13 4	15 4	...	...	...	6 6	6 6	6 6	8 11	8 11	8 6	17 8	17 13	25 4	16 0	16 8	21
	Nimach	14 0	14 0	18 0	18 0	16 8	28 0	8 8	8 8	8 0	10 0	10 0	9 0	18 8	17 0	26 8	16 0	16 8	22
	Nasirabad	16 8	16 1	17 1	22 3½	21 11¾	22 1	6 0	6 0	6 0	7 0	7 0	7 0	21 4¾	23 5¼	23 4¼	16 8	17 4¾	17
	Rájkot	12 8	12 4	15 14	...	...	...	6 8	6 8	5 8	11 0	11 0	10 0	14 6	14 0	25 0	13 0	12 12	20 1
	Upper Sindh Frontier	14 4	14 4	12 5	26 0	26 0	18 0	11 4	11 4	9 2	20 0	20 0	12 8¼	32 0	32 0	20 0	28 0	28 0	...
	Karachi	12 5	12 5	11 10	21 8	21 8	18 0	9 8	9 8	9 8	17 0	15 0	12 0	22 0	22 0	20 0	18 0	18 0	16
	Haidarabad (Nakur)	16 0	16 0	13 0	25 0	25 0	20 0	12 0	12 0	10 0	20 0	20 0	14 0	26 0	26 0	20 0	25 0	25 0	20
	Shikarpur	13 5	13 14	11 15	25 2	25 10	18 7	13 2½	13 2½	10 0	21 8	20 0	16 0	25 2	25 7	20 0	27 8	29 0	20
	Thar and Parkar (Umarkot)	17 8	17 8	16 4	...	...	...	...	...	...	13 7	13 15	9 15	...	...	...	17 13	18 12	16
	Western Districts.																		
Bengal.	Burdwan	14 0*a*	14 0	14 8	45 0	40 0	30 0	22 0	21 5	25 8	24 8	24 0	26 12	...	...	...	...	...	...
	Bancoorah	14 0*b*	13 12	15 0	16 0	17 0	17 0	25 0	28 0	23 0	30 0	30 0	32 0	...	...	...	...	...	...
	Beerbhoom	13 8*c*	14 0	19 0	...	...	...	18 0	21 0	22 0	24 0	28 0	28 0	...	...	...	...	...	...
	Midnapore	14 0*d*	14 0	15 0	...	...	...	20 0	20 0	27 0	24 0	26 0	33 0	...	...	...	...	...	...
	Hooghly	18 0*e*	18 0	15 0	...	...	...	10 0	10 0	10 0	20 0	20 0	21 0	...	...	...	...	...	...
	Howrah	13 0	13 0	15 8	...	...	...	16 0	16 0	16 0	19 8	20 0	21 4	...	...	...	...	...	...

a In the sub-divisions retail prices of salt are as follow :—Cutwa 12 seers, Culna 15 seers, and Raneegunge 13-5 seers.
b Retail prices of salt at Raipore and Sonamukhi 12-8 seers, at Mejia and Chatna 12 seers, at Onda and Indas 16 seers, at Bishenpore 13 seers, and at Kotulpore 14 seers.
c In the interior retail prices of salt range from 10 to 14-8 seers.

OF INDIA.

ANCE AND COMMERCE.

INDIA FOR THE 1st HALF OF JULY 1882.

IN SEERS OF 80 TOLAHS.

Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murnwa, Nuglee), *Panicum Miliaceum*, &c.			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.			Districts.	Provinces.
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
35 3	35 3	32 3	26 10	26 10	31 10	215 13	215 13	215 13	...	...	...	13 13	13 13	12 0	Ganjam	Madras.
24 3	21 3	32 5	22 3	24 10	38 10	93 5	93 5	87 8	15 3	15 3	11 11	14 10	14 10	10 8	Vizagapatam	
33 10	28 3	32 13	25 3	25 3	33 10	194 6	194 6	194 6	14 10	14 10	12 8	14 10	14 10	12 8	Godavery	
33 13	35 5	39 3	21 6	25 2	28 8	145 13	145 13	145 13	16 0	16 0	13 2	15 11	15 11	12 14	Kistna	
36 6	36 6	30 14	27 5	27 5	26 3	186 10	186 10	93 5	14 13	14 13	13 3	14 13	14 13	12 11	Nellore	
31 8	31 8	33 0	29 3	27 8	36 2	194 6	194 6	194 6	16 10	16 10	13 14	16 3	16 3	13 8	Cuddapah	
33 0	30 8	36 14	33 10	35 13	40 5	...	...	...	14 5	14 5	11 14	14 5	14 5	11 14	Anantapur	
31 0	29 2	32 0	28 0	28 0	37 0	97 3	97 3	97 3	15 13	15 13	13 6	15 8	15 8	13 2	Bellary	
29 10	...	...	24 6	24 6	30 13	190 8	202 3	199 11	14 6	14 6	12 8	14 0	14 0	12 2	Kurnool	
28 0	27 6	27 6	24 10	26 2	28 2	81 6	81 6	81 6	16 14	16 11	14 6	16 3	16 3	13 14	Madras	
27 6	27 6	24 11	23 6	24 13	26 8	92 5	92 5	77 13	17 5	17 0	14 5	17 0	16 5	13 14	Chingleput	
33 5	32 8	32 8	26 10	28 10	32 8	140 0	140 0	140 0	14 13	14 13	12 11	14 5	14 5	12 5	North Arcot	
28 6	30 3	25 6	29 11	28 13	27 6	201 11	201 11	199 5	19 5	19 5	15 5	18 14	18 14	14 13	South Arcot	
39 5	39 5	33 3	29 11	29 11	31 8	194 6	194 6	194 6	15 10	15 10	12 6	15 3	15 3	12 6	Tanjore	
32 11	32 11	27 8	33 14	33 14	30 13	97 3	97 3	97 3	17 13	17 13	13 6	17 0	17 0	12 10	Trichinopoly	
32 8	32 8	30 3	34 11	42 11	34 11	170 2	170 2	145 13	16 6	16 2	13 5	16 0	15 14	13 2	Madura	
...	...	...	29 11	29 11	27 2	81 10	81 10	76 13	18 11	18 11	14 13	16 5	18 5	14 5	Tinnevelly	
31 3	32 13	34 6	31 5	30 6	45 10	131 3	131 3	131 3	14 2	14 2	12 3	13 10	13 10	11 11	Coimbatore	
21 10	20 3	21 10	22 6	20 11	25 11	161 13	121 8	121 8	11 0	11 0	9 3	11 0	11 0	9 3	Nilgiris	
30 13	30 13	30 13	35 8	35 8	39 6	151 10	151 10	151 10	16 6	15 6	14 5	15 5	14 5	13 5	Salem	
19 6	22 0	21 2	21 3	21 3	23 3	116 6	116 10	109 5	11 0	11 0	11 8	10 0	10 0	10 13	South Canara	
23 6	19 11	23 6	25 3	24 6	33 10	121 8	121 8	121 8	13 8	14 6	10 13	12 10	13 8	9 14	Malabar	
19 13	21 4	13 0	16 4	16 12	18 12	64 14	71 10	61 6	14 6	14 5	12 9	14 6	14 5	12 9	Bombay	Bombay.
...	...	...	20 0	20 0	23 0	80 0	80 0	80 0	16 8	16 8	13 4	16 0	16 0	13 0	Ahmedabad	
...	...	...	21 5	20 0	21 5	80 0	80 0	80 0	...	...	...	16 0	16 0	12 13	Kaira	
...	...	...	16 0	16 0	17 13	80 0	80 0	80 0	13 9	13 9	11 7	13 9	13 9	11 7	Surat	
...	...	...	16 0	16 0	18 13	106 0	106 0	106 0	15 4	15 4	12 12¾	15 4	15 4	12 12¾	Broach	
25 11	25 11	15 4	14 15	14 15	17 3	71 1	71 1	71 1	14 5	14 5	11 7	12 12	12 12	10 2	Tanna (Salsette)	
...	...	25 0	14 0	14 0	14 8	120 0	120 0	115 0	12 0	12 0	11 8	11 0	11 0	11 0	Colába (Alibág)	
...	...	...	17 1	17 1	25 2½	140 0	140 0	140 0	14 2	15 2	12 2	14 0	15 0	12 0	Khandesh (Dhulia)	
30 0	30 0	27 8	18 0	18 0	25 0	128 0	128 0	115 0	14 8	14 6	12 14	14 4	14 2	12 12	Násik	
...	...	...	19 10	19 7	24 5	91 5	91 5	106 6	14 9	14 9	10 15¾	14 7	14 7	10 15	Ahmednagar	
...	...	...	17 4	17 4	19 9	68 0	68 0	76 0	13 1	13 10	11 6	12 13	13 6	11 2	Poona	
...	...	...	20 1	20 12	25 9	85 0	85 0	91 8	13 8	13 8	12 0	12 12	12 0	11 8	Sholápur	
...	...	...	14 0	15 8	18 12	120 0	110 0	112 0	11 8	11 4	10 0	11 0	11 0	9 12	Kaládgi (Bagalkot)	
...	...	...	14 5	14 5	16 14	110 15	110 15	116 8	12 6	12 6	10 14	11 10	11 10	10 3	Satara	
35 0	35 0	35 0	13 8	13 8	17 0	75 0	80 0	65 0	12 0	12 0	11 0	11 8	11 8	10 0	Belgaum	
28 0	28 0	49 0	11 0	12 0	21 0	80 0	80 0	80 0	8 12	8 12	8 12	8 0	8 0	8 0	Dharwar (Hubli)	
21 2	21 2	18 13	14 0	14 0	16 13	120 0	120 0	165 0	11 13	11 13	9 1	11 10	11 10	9 1	Ratnágiri	
21 0	21 0	23 0	12 0	12 0	13 6	213 5	213 5	213 5	11 8	11 8	10 7	10 8	10 8	9 7	Kanara (Karwar)	
23 0	23 0	40 0	25 0	25 0	32 0	200 0	200 0	200 0	...	...	...	15 4	15 4	11 6	Pánch Mahâls (Godhra)	
...	...	...	9 5	9 5	9 5	65 5	65 5	65 5	...	...	...	32 0	32 0	32 0	Aden	
...	...	...	19 13	20 0	26 0	160 0	160 0	160 0	12 1	12 4	10 0	12 1	12 4	10 0	Asirgarh	
...	...	...	17 9	17 8	20 9	81 11	81 10½	91 0	14 5	14 4¾	12 0	14 0	14 0	12 0	Baroda	
...	...	...	18 8	18 8	20 4	137 8	137 8	137 8	13 8	13 8	10 8	13 0	13 0	10 0	Disa	
...	...	...	17 8	18 0	22 8	160 0	160 0	140 0	...	...	...	11 0	11 0	8 0	Nimach	
...	...	...	22 3¼	22 3¼	22 8	85 0	85 0	80 0	*16 6¾	*16 6¾	...	16 0	16 0	12 0	Nasirabad	
...	...	...	16 6	16 4	24 4	77 8	80 0	75 0	55 0	50 0	45 0	48 0	48 0	...	Rájkot	
40 0	40 0	...	20 0	20 0	18 13	160 0	160 0	160 0	†12 5	†12 5	†10 10½	12 4	12 4	10 0	Upper Sindh Frontier	
11 0	11 0	9 8	17 0	17 0	18 0	105 0	105 0	100 0	17 13	17 13	14 3	17 0	17 0	14 0	Karachi	
...	...	...	15 0	15 0	11 0	480 0	480 0	320 0	14 0	14 0	10 0	14 0	14 0	10 0	Haidarabad (Nakur)	
...	...	...	19 6	20 0	19 1	260 0	280 0	220 0	13 2	13 2	11 2	13 0	13 0	11 0	Shikarpur	
...	...	...	...	...	...	160 0	160 0	160 0	10 11	10 11	9 10	10 11	10 11	9 10	Thar and Parkar (Umarkot)	
									Prices per md. of 40 seers.						*Western Districts.*	Bengal.
									Rs. A. P.	Rs. A. P.	Rs. A. P.					
...	...	...	23 0	23 8	23 12	120 0	120 0	80 0	2 13 0	2 13 0	...	13 12	13 12	10 0	Burdwan	
...	...	...	18 0	20 0	20 0	280 0	320 0	280 0	3 0 0	3 4 0	...	13 0	12 1	9 0	Bancoorah	
...	...	...	22 0	23 8	25 0	160 0	160 0	180 0	2 7 0	3 4 0	...	14 8	12 8	9 0	Beerbhoom	
...	...	...	18 0	19 0	18 0	160 0	160 0	160 0	3 0 0	3 0 0	...	13 8	13 8	9 0	Midnapore	
...	...	...	20 0	21 0	20 0	120 0	120 0	120 0	2 14 0	2 14 0	3 12 0	13 9	13 9	9 0	Hooghly	
...	...	...	20 0	20 0	21 8	80 0	80 0	80 0	2 14 0	2 14 0	4 0 0	13 0	13 0	...	Howrah	

d In the sub-divisions retail prices of salt are as follow :—Contai 12 seers, Tumlook 13 seers, and Ghattal 15 seers.

e Retail prices of salt at Babugunge, Jhekrapota, and Balor 13-9 seers, at Serampore and Baidyabati 13 seers, at Chanditola 12-8 seers, at Bhuddessur 14-12 seers, and at Jehanabad 13-8 seers.

* Sambhur salt. † In common use.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPEE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Bengal—*continued.*	***Central Districts.***																		
	Calcutta	14 0	14 0	16 0	23 2	26 8	35 8	10 0	10 0	7 4	20 0	20 0	15 4	...	...	...	...	...	...
	24-Pergunnahs	12 12*f*	12 0	14 0	22 8	21 4	26 0	10 0	10 0	12 4	18 0	17 0	18 0	22 8	20 0	22 12	13 12	...	...
	Nuddea	14 8*g*	14 8	16 13	26 0	26 0	32 0	16 13	17 4	18 13	20 0	20 0	22 14	...	...	...	...	...	...
	Khoolna	...*h*	...	...	...	...	...	16 0	16 0	17 0	22 0	22 0	21 0	...	...	...	...	...	...
	Jessore	16 0*i*	16 0	16 0	...	...	...	18 0	18 12	20 0	22 0	24 8	29 0	...	...	...	...	...	...
	Moorshedabad	16 0*j*	16 0	20 0	...	...	...	17 12	17 12	19 0	25 0	25 0	26 0	...	...	...	...	...	...
	Dinagepore	11 8*k*	13 0	10 8	16 0	16 0	26 8	21 0	24 0	22 13	26 8	27 0	28 13	...	...	...	...	...	...
	Rajshahye	13 8*l* to 16 8	13 8 to 18 0	22 8	45 0	46 12	45 0	13 8	18 0 to 18 12	22 8	21 0 to 24 0	21 12 to 24 12	27 3	...	...	...	...	...	...
	Rungpore	16 0*m*	16 0	18 0	...	...	...	17 0	16 0	15 0	20 0	20 0	22 8	...	...	...	...	...	...
	Bogra	18 12	17 4	18 0	...	...	...	15 12	16 8	22 8	30 0	28 2	33 12	...	...	...	...	...	...
	Pubna	18 12*n*	18 12	25 0	...	...	...	10 0	10 0	7 8	25 0	24 0	33 8	...	...	...	...	...	...
	Darjeeling	8 0*o*	8 0	8 0	8 0	8 0	8 0	6 0	5 0	5 0	14 0	13 0	12 0	...	...	...	...	...	...
	Jalpáiguri	9 0*p*	9 0	10 8	20 0	20 0	...	16 0	16 0	16 0	24 0	24 0	22 8	...	...	...	...	...	...
	Eastern Districts.																		
	Dacca	12 4*q*	12 4	14 8	40 0	32 0	40 0	24 0	22 0	25 0	32 0	26 12	35 8	...	...	...	...	...	...
	Furreedpore	22 0*r*	22 0	21 0	35 0	35 0	32 0	22 0	22 0	8 0	24 0	28 0	27 0	...	...	...	...	...	...
	Backergunge	...*s*	...	...	...	...	...	20 0	20 0	20 0	24 0	24 0	30 0	...	...	...	...	...	...
	Mymensingh	11 0*t*	11 8	13 0	...	...	...	22 8	22 8	24 0	28 0	29 0	27 0	...	...	...	...	...	...
	Tipperah	12 0*u*	11 8	14 0	...	...	...	23 0	22 0	26 0	28 4	28 8	37 0	...	...	...	...	...	...
	Chittagong	9 0*v*	9 0	12 4	...	...	...	16 0	20 0	15 0	24 0	25 0	24 0	...	...	...	...	...	...
	Noakholly	...*w*	...	...	...	...	...	27 0	27 0	26 0	32 0	31 0	29 0	...	...	...	...	...	...
	Chittagong Hill Tracts	...	...	...	...	...	...	13 5	16 0	16 0	17 12	17 12	17 3	...	...	...	...	...	...
	Hill Tipperah	11 0	11 0	12 0	...	...	...	23 0	24 0	30 0	30 0	32 0	38 0	...	...	...	...	...	...
	Behar.																		
	Patna	16 8	16 8	22 0	34 0	34 0	40 0	11 8	11 8	15 0	21 8	21 8	22 0	...	...	...	...	...	...
	Gya	17 0*x*	17 0	20 0	29 0	28 0	37 0	12 0	12 0	12 8	19 0	20 0	21 8	...	...	...	...	...	...
	Shahabad	14 8*y* to 16 8	15 0 to 17 0	17 0 to 18 0	28 0	30 0	35 0	17 0 to 20 0	20 0 to 21 0	18 0 to 20 0	21 0	22 0	21 0 to 23 0	...	...	...	...	...	...
	Durbhunga	14 0*z*	14 0	19 0	32 0	35 0	50 0	14 0	14 0	16 0	17 0	17 0	20 0	...	...	...	...	...	...
	Mozufferpore	16 0*z*1	16 0	23 0	30 0	30 0	40 0	12 0	12 0	11 0	16 0	16 0	19 0	...	...	...	...	...	...
	Sarun	15 0	15 8	18 0	28 0	30 0	36 0	10 0	10 0	10 8	20 0	21 0	22 0	29 0	32 0	38 0	...	...	...
	Chumparun	18 0*z*2	18 0	26 0	36 0	36 0	49 0	12 0	12 0	12 0	20 0	21 0	21 0	...	...	...	...	...	...
	Monghyr	16 12*z*3	16 12	19 15	33 9	34 9	42 0	15 12	15 12	14 11	21 0	19 15	19 15	...	...	...	...	...	...
	Bhágalpur	15 2*z*4	14 8	16 6	30 4	30 4	32 12	17 11	18 15	17 11	21 7	22 12	19 9	...	...	...	...	...	...
	Purneah	15 0*z*5	14 0	18 0	...	...	...	20 0	20 0	21 0	22 0	25 0	28 0	...	...	...	...	...	...
	Maldah	16 0	16 0	20 0	...	...	...	16 0	16 0	21 0	21 0	19 0	25 0	...	...	...	...	...	...
	Sonthal Pergunnahs	13 0*z*6	13 0	14 8	...	...	...	18 0	18 0	25 0	23 0	24 0	27 8	...	...	...	...	...	...
	Orissa.																		
	Cuttack	14 7	14 7	19 11	...	...	...	15 12	17 1	18 6	24 15	27 9	22 5	...	...	...	...	...	...
	Pooree	10 8*z*7	11 4	17 0	...	...	...	21 0	22 0	23 10	24 0	25 0	27 14	...	...	...	...	...	...
	Balasore	16 0*z*8	16 0	16 0	...	...	...	26 0	26 0	32 0	32 0	32 0	40 0	...	...	...	...	...	...
	Chota Nagpore—South-Western Frontier Agency.																		
	Hazáribágh	15 0*z*9	16 0	20 0	...	24 0	...	11 0	10 0	12 0	19 0	19 0	21 0	...	...	...	...	...	...
	Lohardugga	17 0	18 0	19 0	24 0	26 0	28 0	21 0	22 0	20 0	24 0	25 0	24 0	...	...	...	...	...	...
	Singbhoom	20 0	20 0	24 0	28 0	28 0	40 0	36 0	36 0	32 0	40 0	40 0	36 0	...	...	...	...	...	...
	Manbhoom	13 0*z*10	13 0	16 0	...	...	40 0	19 0	19 0	20 0	31 0	34 0	30 0	...	...	40 0	...	...	...

f In the sub-divisions retail prices of salt are as follow :—Baraset 13 seers, Diamond Harbour 10-10 seers, Barripore 10-8 seers, Barrackpore 12-12 seers, and Dum-Dum 12 seers.
g In the sub-divisions retail prices of salt are as follow :—Kooshtea, Ranaghat and Bongong 13 seers, Meherpore 10 seers, and Chooadanga 12 seers.
h In the sub-divisions retail prices of salt are as follow :—Bagirhat 11 seers and Satkhira 10-10 seers.
i In the sub-divisions retail price of salt is 12 seers per rupee.
j Retail prices of salt in Lalbagh and Kandi sub-divisions 11-8 seers, and in Jungypore 11-6 seers.
k Retail price of salt at Raigunge 12 seers and at Nitpore 10 seers.
l In Nattore retail price of salt is 12 seers.
m In the sub-divisions retail price of salt is 12 seers per rupee.
n In Serajgunge retail price of salt is 13-4 seers.
o In Kurseong retail price of salt 8 seers, and in Silligori 11 seers.
p At Fallacotta, in Alipore sub-division, retail price of salt is 10-8 seers per rupee.
q In the sub-divisions retail prices of salt are as follow:—Manickgunge 12 seers, Moonsheegunge 10 seers, 10½ chittacks, and Naraingunge 12 seers.
r In the sub-divisions retail prices of salt are as follow :—Goalundo 12 seers, Madaripore 13 seers, Bhanga 16 seers, and Gopalgunge 12-8 seers.
s In the sub-divisions retail prices of salt are as follow :—Patuakhali 10-10 seers, Perozepore 11 seers, and Bhola 10 seers.
t Retail prices of salt at Kishoregunge and Netrokona 12-5 seers, at Attea 12 seers, and at Jamalpore 11 seers.
u In the sub-divisions retail prices of salt are as follow ;—Brahmunberia 11 seers and Chandpore 12 seers.

INDIA FOR THE 1st HALF OF JULY 1882—*continued.*

IN SEERS OF 80 TOLAHS.

Districts.	Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nagieei, *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt. Wholesale prices per maund of 40 seers.			Salt. Retail.		
	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	S. Ch.	S. Ch.	S. Ch.
Central Districts.															
Calcutta	...	...	...	21 5	23 0	22 13	90 0	90 0	90 0	2 10 0	2 8 0	4 0 0	14 9	14 9	10 0
24-Pergunnahs	...	...	...	18 0	18 8	22 4	90 0	80 0	90 0	3 0 0	2 12 0	4 8 0	13 5	14 8	9 0
Nuddea	...	...	...	21 5¼	22 0	29 0	...	...	...	2 14 1	2 12 1	...	12 13¾	12 13¾	10 0
Khoolna	...	...	...	12 0	12 0	10 0	160 0	160 0	160 0	3 2 0	3 2 0	4 0 0	11 0	11 0	8 0
Jessore	...	...	...	18 0	18 0	25 0	120 0	120 0	110 0	3 2 0	3 2 0	...	12 8	11 8	8 0
Moorshedabad	...	...	...	25 0	25 0	32 0	120 0	120 0	120 0	3 4 0	3 5 0	...	12 8	11 8	9 0 to 10 0
Dinagepore	...	...	...	20 0	17 0	20 0	160 0	160 0	180 0	3 4 0	3 4 0	...	12 0	12 0	8 8
Rajshahye	...	...	...	22 8 to 24 6	24 12	26 4 to 32 0	240 0	240 0	250 0	3 5 3	3 5 3	...	12 0	12 0	9 0
Rungpore	...	...	...	15 0	15 0	12 0	135 0	135 0	120 0	3 5 3	3 5 3	...	11 8	11 8	8 12
Bogra	...	...	...	16 8	18 12	19 8	67 8	67 8	67 8	3 5 4	3 2 8	...	10 8	12 0	9 0
Pubna	...	...	...	18 12	20 0	20 0	200 0	200 0	200 0	3 1 6	3 0 0	4 4 0	12 12	12 0	9 4
Darjeeling	9 0	8 0	9 0	8 0	9 0	8 0	160 0	160 0	160 0	4 8 0	4 8 0	6 0 0	8 0	8 0	5 0
Jalpaiguri	...	...	...	16 0	16 0	13 5	128 0	128 0	64 0	3 4 0	3 4 0	...	11 0	11 0	8 0
Eastern Districts.															
Dacca	...	...	...	21 0	21 0	20 0	106 0	91 4	106 0	2 15 0	2 15 0	3 14 0	13 5	13 5	10 0
Furreedpore	...	...	...	12 0	12 0	12 0	..	...	...	3 5 4	3 5 4	...	11 0	11 0	9 12
Backergunge	...	...	...	18 0	18 0	17 0	100 0	100 0	100 0	3 11 0	3 11 0	...	10 9	10 9	8 8
Mymensingh	...	...	...	16 0	16 0	17 8	...	...	...	3 4 0	3 2 0	...	12 8	12 8	9 4
Tipperah	...	...	...	18 0	17 0	16 0	...	...	...	3 4 0	3 4 0	...	12 8	12 8	9 8
Chittagong	...	..	...	16 0	16 0	16 0	80 0	80 0	80 0	2 14 0	2 14 0	4 0 0	13 0	13 0	6 8
Noakholly	...	...	...	14 0	14 0	16 0	...	...	...	3 2 0	3 2 0	...	11 0	11 0	7 0
Chittagong Hill Tracts	...	...	...	...	...	...	320 0	320 0	320 0	3 8 0	3 8 0	...	10 9	10 9	6 6
Hill Tipperah	...	...	...	14 0	14 0	10 8	...	...	...	3 6 0	3 6 0	...	10 0	10 0	8 0
Behar.															
Patna	...	...	...	30 0	30 0	34 0	130 0	130 0	120 0	3 2 0	3 2 0	...	10 9	10 9	...
Gya	...	...	...	26 0	26 0	32 0	180 0	180 0	140 0	3 4 0	3 4 0	...	11 8	11 8	9 0
Shahabad	...	...	...	29 0 to 30 0	30 0	32 0 to 33 0	120 0	120 0	120 0	3 0 0	3 0 0	...	13 0	13 0	9 0
Durbhunga	35 0	33 0	40 0	21 0	25 0	27 0	160 0	130 0	180 0	3 4 6	3 4 6	...	11 0	11 0	9 0
Mozufferpore	...	...	...	25 0	25 0	32 0	140 0	140 0	140 0	3 4 0	3 3 0	...	12 0	12 0	8 8
Sarun	30 0	31 0	32 0	27 0	28 0	30 0	160 0	160 0	160 0	3 6 0	3 8 0	...	11 0	11 0	8 8
Chumparun	...	...	...	28 0	30 0	35 0	...	...	...	3 8 0	3 8 0	...	10 8	10 8	7 8
Monghyr	...	...	...	30 6	31 8	36 12	126 0	126 0	146 0	3 1 0	3 1 0	...	12 10	12 10	8 6
Bhagalpur	...	...	...	28 6	29 10	31 9	126 4	151 8	126 4	3 0 6	3 12 0	...	12 10	12 10	9 6
Purneah	...	...	...	23 0	23 0	27 0	160 0	160 0	120 0	3 8 0	3 12 0	...	10 0	10 0	8 0
Maldah	...	...	...	25 0	26 0	27 0	160 0	120 0	120 0	3 2 0	3 0 0	...	12 0	12 0	9 0
Sonthal Pergunnahs	...	...	...	20 0	20 0	22 0	200 0	200 0	200 0	3 12 0	3 12 0	...	10 8	10 8	8 0
Orissa.															
Cuttack	13 2	14 7	18 6	21 0	22 5	26 4	160 0	160 0	160 0	3 0 0	3 0 0	3 8 0	13 0	13 0	11 0
Pooree	...	...	...	15 0	15 0	19 6	100 0	100 0	100 0	2 12 0	2 12 0	4 6 0	14 8	14 8	9 3
Balasore	...	...	...	16 0	16 0	13 5	160 0	160 0	140 0	3 2 0	3 2 0	4 6 0	13 0	13 0	9 4
Chota Nagpore—South-Western Frontier Agency.															
Hazaribagh	36 0	33 0	48 0	19 0	21 0	25 0	180 0	240 0	200 0	3 11 3	3 12 9	...	10 0	10 0	8 0
Lohardugga	38 0	38 0	40 0	18 0	19 0	20 0	120 0	120 0	140 0	4 0 0	4 0 0	...	9 0	9 0	6 8
Singbhoom	...	...	...	24 0	24 0	24 0	180 0	180 0	160 0	4 7 0	4 7 0	...	8 0	8 0	7 0
Manbhoom	...	...	64 0	17 0	17 0	21 8	120 0	120 0	140 0	3 12 0	3 12 0	...	11 0	11 0	8 8

Provinces: BENGAL—*continued.*

v Retail prices of salt at Kumeriah 11 seers and at Hathazaree 12 seers.
w In the interior retail prices of salt range from 8 to 11 seers.
x In the sub-divisions retail prices of salt are as follow:—Nowada 10 seers, and Jehanabad 12 seers.
y In the sub-divisions retail prices of salt are as follow:—Buxar and Sasseram 11-8 seers, and Bhabuah 10-8 seers.
z In the sub-divisions retail prices of salt are as follow:—Madhoobani 11-4 seers, and Tajpore 11-12 seers.
z1 In the interior retail prices of salt range from 10 to 12-8 seers.
z2 In the interior retail prices of salt range from 9 to 12-8 seers.
z3 In the sub-divisions retail prices of salt are as follow:—Beguserai 12 seers, and Jamui 12-5 seers.
z4 In the sub-divisions retail prices of salt are as follow:—Banka and Soopole 11 seers, and Mudehpoora 10 seers.
z5 Retail prices of salt at Othree 10 seers, Kusba 11-8 seers, Kissengunge 10 seers, and Ranigunge in Arrareen sub-division 9 seers.
z6 Retail prices of salt at Godda 11 seers and at Sarowni 10 seers
z7 In Khurda sub-division retail price of salt is 13 seers per rupee.
z8 In Bhadruk retail price of salt is 11 seers per rupee.
z9 Retail prices of salt at Chatra 10 seers and at Khuruckdiha 12 seers
z10 Retail prices of salt at Raghunathpore and Govindpore 12 seers, and at Burrabazar and Jhalda 10 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPEE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowari). *Holcus Sorghum.* Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumbu, Bajra). *Penicillaria Spicata.* Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Assam.	Sylhet	No return received.																	
	Cachar																		
	Goálpára																		
	Gáro Hills																		
	Kámrúp																		
	Darrang																		
	Nowgong																		
	Sibságar																		
	Lakhimpur																		
	Khási & Jaintiá Hills																		
	Nága Hills																		
N. W. Provinces.	Debra Dún	18 0	19 0	17 8	29 0	30 0	28 0	11 0	11 0	10 0	12 8	12 8	10 8	22 0	22 0	15 0	18 0	20 0	16 0
	Saharanpur	19 5½	19 5½	19 6	27 15	27 15	28 0	9 11	9 11	7 9	12 14	12 14	11 14	21 10½	25 13	19 6	21 8	23 10½	19 6
	Muzaffarnagar	18 4	17 0	20 4	29 11	29 11	30 4	6 9	6 9	6 9	14 5	14 5	12 10	26 6	24 6	18 11	22 0	22 0	17 10
	Meerut	17 0	18 0	20 4	24 0	24 0	28 0	6 0	6 0	5 8	15 0	16 0	13 0	24 0	25 0	17 0	21 0	21 0	18 0
	Bulandshahr	19 8	19 4	20 10	24 0	23 4	28 0	6 0	6 0	6 0	10 0	11 0	10 4	24 0	23 0	20 8	20 0	20 0	18 0
	Aligarh	17 4	17 8	18 8	23 0	23 0	24 8	6 0	6 0	6 0	13 0	13 0	14 8	25 0	24 8	19 8	16 8	19 0	18 8
	Kumaun	16 0	17 0	14 0	17 0	18 0	16 0	10 0	10 0	8 0	13 0	13 0	11 0	...	...	...	...	...	...
	Garhwal	23 8	23 8	20 0	25 0	25 0	20 0	9 0	9 0	8 0	15 0	15 0	11 8	...	...	...	...	...	...
	Bijnor	16 9	16 0	19 2	26 2	24 3	25 14	10 11	11 4	10 2	11 13	12 6	11 4	21 6	21 6	14 1	18 9	18 0	16 5
	Moradabad	18 2	18 12	20 0	23 12	25 0	26 14	9 6	9 6	7 13	13 12	13 12	13 2	23 12	23 12	15 10	19 6	19 6	12 8
	Budaun	17 11	17 6	20 1½	22 0½	21 9½	28 3	9 9½	9 9½	6 0	14 11	15 0	13 5½	18 0	16 12½	19 3	18 0	18 0	19 3
	Bareilly	16 14	16 14	18 12	21 4	25 0	25 0	8 2	8 2	7 8	14 6	13 12	13 12	21 4	20 0	23 2	21 4	20 10	18 12
	Sháhjahánpur	18 4	18 0	21 4	24 4	23 8	29 8	9 4	9 4	7 8	16 8	16 8	14 4	...	...	...	...	...	...
	Tarái Pergunnahs	20 0	19 4	19 0	30 0	30 0	32 0	8 12	7 8	8 0	13 0	12 8	14 0	17 8	17 8	10 0	17 8	20 0	10 0
	Muttra	17 0	16 12	18 4	21 8	21 8	22 0	...	...	8 0	14 0	14 8	14 0	22 0	22 0	16 0	18 0	18 0	17 0
	Agra	17 0	16 12	17 4	21 0	20 8	22 8	6 8	6 8	6 0	14 0	14 0	13 8	22 0	22 0	21 0	20 0	20 0	20 0
	Farukhabad	17 4	16 7	18 6	21 3	21 1	24 15½	7 7	8 3	6 2	14 0¼	14 10	14 5	22 2	21 13½	18 6½	20 12	20 7½	21 2
	Mainpuri	18 0	18 0	17 8	23 0	21 0	22 0	5 0	5 0	4 0	12 0	12 0	12 0	...	...	...	...	...	...
	Etawah	17 0	17 0	17 8	22 8	22 8	22 8	6 0	6 0	6 0	14 8	14 8	14 8	22 0	16 0	16 0	16 0	16 0	15 0
	Etah	19 8	19 0	19 8	24 0	23 0	25 8	8 0	8 0	8 0	12 0	13 0	12 0	16 4	...	18 0	18 0	...	...
	Jaunpur	20 0	19 0	20 0	20 0	20 0	22 0	10 0	10 0	8 0	12 0	13 0	12 0	28 0	28 0	24 0	22 0	22 0	20 0
	Jhansi	20 13½	21 4	22 4	32 0	33 3	30 0	8 8	8 8	7 8	15 0	15 0	13 0	27 0	27 2½	26 0	...	...	...
	Lalitpur	21 8	21 8	28 0	37 0	37 0	35 0	10 0	10 0	9 0	12 0	12 0	12 0	31 0	30 0	34 0	26 0	26 0	26 0
	Cawnpore	17 4	17 12	20 8	25 0	25 8	26 8	11 0	10 8	10 8	15 0	15 0	15 0	23 8	26 0	23 0	23 8	24 8	26 0
	Futehpur	16 12	16 2	16 12	23 4	21 10	21 4	11 4	11 4	10 14	16 0	16 0	13 0	...	...	...	...	...	...
	Banda	18 0	17 8	16 8	25 0	23 0	18 8	9 0	9 0	10 0	13 4	13 8	13 8	32 0	30 0	20 0	...	...	19 0
	Allahabad	16 12	16 10	17 2	24 8	24 0	23 8	11 8	11 8	11 0	17 0	17 8	15 12	27 8	28 0	24 8	26 8	27 0	24 8
	Hamirpur	16 0	15 0	15 8	22 8	22 0	19 2	10 12	10 0	10 0	...	...	16 0	25 4	22 0	15 12	23 12	...	18 0
	Jalaun	18 0	18 5	19 12	29 10	28 15	29 10	7 1	8 7	7 12	15 8	16 14	15 8	...	...	...	19 12	22 9	18 5
	Gorakhpur	18 0	18 0	19 12¾	28 13	27 3	41 6½	14 6½	14 6½	13 8	18 0	18 13	20 13¼	...	...	45 0	...	...	28 12½
	Basti	17 0	18 0	21 8	39 0	30 0	40 0	15 0	16 0	17 0	16 0	17 8	21 0	...	...	...	...	...	...
	Azamgarh	18 7	19 3	20 10	28 6	30 4	31 0	8 14	8 14	8 14	17 11	17 11	14 12	...	...	...	20 10	20 10	...
	Mirzapur	16 8	16 8	18 0	23 0	23 0	25 0	10 0	10 0	10 0	16 0	18 0	16 0	27 0	26 0	28 0	26 0	26 0	26 0
	Benares	15 11½	16 13	17 9¼	24 6	25 6	24 6	12 7	12 7	13 9	16 13	18 15½	21 2½	28 3	28 3	24 15	28 11½	28 11½	29 4
	Gházipur	18 0	19 5	19 15	25 12	27 11	30 4	10 15½	10 15½	10 15	19 15½	20 15½	18 10	30 14½	33 7½	36 5	20 9½	25 12	27 1
	Ballia	15 8	16 4	20 0	26 4	26 4	36 0	10 0	10 0	10 0	17 8	17 8	22 0	...	...	...	...	...	...
	Lilibhít	18 1	17 10	19 5	28 6	29 12	32 8	15 0	14 8	15 4	16 4	16 4	16 12	18 12	18 12	...	...	...	...
Oudh.	Lucknow	16 6½	16 7	19 9½	23 9½	23 9	26 8	6 0	6 0	6 0	13 14	14 1½	14 0	22 7½	22 8	26 2	22 0	23 4	23 4
	Unao	18 0	17 0	18 4	25 0	24 0	23 8	10 0	10 0	7 0	15 0	16 0	13 0	...	...	28 0	...	...	22 8
	Bára Banki	16 12	16 4	19 0	24 0	24 0	27 0	10 0	10 0	8 0	14 0	15 0	14 0	28 0	31 0	28 0	20 0	20 0	19 0
	Sitapur	19 4	20 0	23 3	27 6	27 2	29 11	8 0	8 0	8 8	17 0	17 0	15 0	20 0	20 0	21 0	19 0	19 0	22 0
	Baráitch	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kheri	19 0	19 0	24 0	28 0	28 0	34 0	7 0	7 0	9 0	15 0	15 0	14 0	30 0	30 0	...	...	...	...
	Fyzabad	16 0	17 0	19 0	25 0	25 0	27 0	10 0	11 4	10 0	16 8	17 8	14 8	...	...	...	...	...	...
	Bharaich	16 0	17 0	19 0	35 0	38 0	38 0	9 0	9 0	9 0	18 0	18 0	16 0	30 0	32 0	38 0	13 0	13 0	16 0
	Gonda	19 6	19 8	23 8	30 14	34 8	38 0	15 0	15 12	18 0	17 6	17 8	19 0	36 10	36 8	39 8	24 4	24 4	24 0
	Rái Bareli	18 12	18 6	17 8	23 8	22 14	20 0	...	...	...	16 0	15 12	12 0	24 0	23 0	...	18 0	18 0	...
	Sultánpur	19 8	19 12	20 0	29 0	29 0	26 8	11 0	11 0	11 0	18 0	19 0	16 0	...	...	...	18 0	20 0	16 0
	Partábgarh	19 2	18 7	19 14	28 10	27 7	26 12	16 9	15 6	13 13	18 4	16 13	15 5	...	...	...	...	...	...
Punjab.	Delhi [a]	17 12	18 8	18 8	23 0	24 0	24 8	...	...	...	14 0	15 0	13 0	24 0	24 0	20 0	19 0	20 0	17 8
	Gurgaon	18 8	19 4	19 0	23 8	24 0	25 0	...	...	...	13 0	13 0	13 0	22 0	22 0	18 0	20 0	20 0	21 0
	Karnal	18 8	18 8	18 8	30 0	29 0	29 0	...	...	...	12 0	13 0	12 0	26 0	28 0	23 0	16 0	16 0	18 0
	Hissar	17 0	17 0	16 0	30 0	30 0	21 0	...	...	...	10 0	10 0	10 0	28 0	30 0	19 0	26 0	26 0	19 0
	Rohtak	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Sirsa	21 4	22 0	16 0	38 0	38 0	26 0	...	...	...	13 0	13 0	11 0	38 0	38 0	22 0	30 0	30 8	20 0
	Umballa [b]	21 8	21 4	19 0	29 0	30 0	25 0	...	...	...	11 8	12 0	11 8	28 0	32 0	16 0	26 0	28 0	19 0
	Ludhiana	24 0	23 0	18 0	33 0	32 0	28 0	...	...	...	12 0	12 0	12 0	37 0	37 0	21 0	30 0	30 0	18 0
	Simla	14 8	14 8	12 8	...	...	...	...	...	...	12 0	10 0	11 0	...	...	...	...	...	...
	Jullundur	24 8	24 8	19 0	36 0	36 0	29 0	...	...	...	8 0	8 0	8 0	33 0	32 0	26 0	20 0	22 0	16 0
	Hoshiarpur	25 0	25 0	20 0	35 0	35 0	28 0	...	...	...	11 0	10 0	10 0	27 0	28 0	18 0	17 0	17 0	12 0
	Kangra	24 0	24 0	20 0	38 0	40 0	31 0	...	...	...	15 0	15 0	14 0	...	...	...	...	...	...

[a] Price of firewood has risen. [b] Price of jowar has risen and that of firewood fallen. * Mandwa: Present 30 seers, past 30 seers, corresponding 23 seers and 8 chittacks.

INDIA FOR THE 1st HALF OF JULY 1882—*continued.*

IN SEERS OF 80 TOLAHS.

Lesser Millets, Ragi, &c. (Kavaru, Veraru, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.			Districts.	Provinces.
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. per maund.	Rs. A.	Rs. A.	S. Ch.	S. Ch.	S. Ch.		
...	...	...	...	...	...	...	...	...	...	...	...	No return received			Sylhet Cachar Goálpárá Gáro Hills Kámrúp Darrang Nowgong Sibságar Lakhimpur Khási & Jaintiá Hills Nága Hills	Assam.
									S. Ch.	S. Ch.	S. Ch.					
...	...	...	19 0	21 8	17 8	160 0	160 0	160 0	11 8	12 0	10 0	10 8	10 8	9 0	Dehra Dún	N. W. Provinces.
...	...	...	23 10½	23 10½	20 8	150 8	150 8	150 8	12 1	12 6	10 3	11 13	12 1	9 11	Saháranpur	
...	...	...	23 2	22 0	21 8	132 0	132 0	132 0	11 10	11 8	10 2	11 4	11 4	...	Muzaffarnagar	
...	...	...	21 0	21 0	20 8	110 0	110 0	115 0	12 0	12 0	10 0	11 8	11 8	9 8	Meerut	
...	...	...	22 0	21 2	21 4	130 0	130 0	140 0	10 8	11 8	10 0	...	...	...	Bulandshahr	
...	...	...	21 8	21 8	21 0	130 0	130 0	120 0	12 0	12 0	...	11 8	11 8	...	Aligarh	
...	...	...	11 8	12 0	12 8	200 0	200 0	200 0	7 0	7 0	7 0	6 0	6 0	6 0	Kumaun	
...	...	...	9 0	9 0	10 0	200 0	200 0	200 0	7 8	7 8	7 8	7 0	7 0	7 0	Garhwál	
...	...	...	20 9	19 11	21 6	135 0	135 0	135 0	...	...	...	10 7	10 2	9 4	Bijnor	
...	...	...	20 10	20 15	20 0	137 8	162 8	125 0	12 0	12 0	...	11 14	11 14	10 10	Moradabad	
...	...	...	19 3	18 4½	22 12½	192 0	192 0	168 0	10 15	11 4	9 4½	10 3	10 3	10 3	Budaun	
...	...	...	20 0	20 0	18 12	125 0	125 0	125 0	11 14	11 14	...	11 4	11 4	9 11	Bareilly	
...	...	...	20 12	20 0	21 4	160 0	190 0	160 0	12 4	12 8	10 2	10 8	12 0	9 8	Sháhjáhánpur	
...	...	...	17 8	17 8	18 0	120 0	120 0	120 0	11 4	11 4	10 4	11 0	11 0	10 0	Tarái Pergunnahs	
...	...	...	22 0	21 4	19 0	120 0	120 0	140 0	14 0	14 0	...	12 0	12 0	10 0	Muttra	
...	...	...	21 0	20 8	20 0	100 0	100 0	100 0	12 8	12 8	11 0	12 0	12 0	10 8	Agra	
...	...	...	21 2½	21 6	20 8	156 8	156 8	156 12	11 9	11 3½	9 10	10 14	10 12	9 10	Farukhabad	
...	...	...	20 8	20 0	19 0	160 0	160 0	160 0	11 0	10 8	...	10 8	10 0	...	Mainpuri	
...	...	...	22 8	22 0	21 8	100 0	100 0	120 0	10 8	10 8	10 8	10 0	10 0	10 0	Etáwah	
...	...	...	21 0	20 0	20 0	140 0	140 0	140 0	12 8	12 8	10 8	11 8	12 8	...	Etah	
...	...	...	28 0	28 0	23 0	140 0	140 0	120 0	12 0	12 0	...	11 0	11 0	9 8	Jalaun	
...	...	...	25 9	27 4½	25 0	200 0	200 0	200 0	11 8	11 14	9 0	10 8	11 2	8 8	Jhánsi	
...	...	...	33 0	32 0	37 0	140 0	140 0	120 0	11 0	11 0	...	10 4	10 12	8 8	Lalitpur	
...	...	...	23 12	24 8	23 0	140 0	150 0	160 0	12 0	12 12	...	12 6	12 8	10 8	Cawnpore	
...	...	...	24 2	21 0	20 8	200 0	200 0	200 0	9 14	9 10	...	9 10	9 6	9 4	Fatehpur	
...	...	...	31 0	29 0	20 8	160 0	160 0	200 0	11 12	11 12	...	11 8	11 4	9 8	Bánda	
...	...	...	23 4	23 2	23 0	130 0	130 0	160 0	11 12	11 8	...	11 0	10 12	...	Allahabad	
...	...	...	26 8	26 0	18 8	140 0	140 0	140 0	11 4	10 11	9 0	10 10	10 0	...	Hamírpur	
...	...	...	23 4	25 7	26 13	169 8	169 8	141 4	9 11	9 11	...	9 9	9 9	8 15	Jaunpur	
...	...	...	27 0	26 0	37 14½	160 0	160 0	120 0	11 3	10 13	...	10 6½	10 6½	8 0	Gorakhpur	
...	...	...	26 0	26 8	31 0	140 0	140 0	140 0	8 8	8 8	7 8	8 0	8 0	7 8	Basti	
...	...	...	24 6	25 1	28 0	147 8	147 8	147 8	9 3	9 3	7 14	8 8	8 8	8 2	Azamgarh	
...	...	...	22 0	22 0	24 0	100 0	100 0	90 0	10 0	10 0	9 0	9 0	8 0	8 0	Mirzapur	
...	...	...	23 5	23 5	24 6	140 0	120 0	120 0	11 4	11 4	...	10 2	10 2	9 9	Benares	
...	...	...	26 6½	27 11	28 5	130 0	103 0	167 6	9 10½	10 5	9 11	9 0	9 10½	8 10	Gházipur	
...	...	...	28 12	28 12	32 8	100 0	100 0	125 0	10 0	10 0	9 6	10 4	10 4	...	Balia	
...	...	...	17 5	18 8	20 0	150 0	150 0	150 0	12 12	12 12	12 8	11 12	11 12	11 8	Pílibhít	
...	...	...	20 11½	20 11	20 14½	115 0	120 0	140 0	10 0	10 0	9 0	9 8	9 8	8 8	Lucknow	Oudh.
...	...	...	22 8	22 0	19 8	160 0	160 0	160 0	...	...	...	11 0	11 0	9 0	Unáo	
...	...	...	22 0	22 0	22 0	130 0	130 0	120 0	12 0	12 0	10 0	10 0	10 0	9 0	Bára Banki	
...	...	...	21 0	20 4	25 8	160 0	160 0	160 0	12 0	11 8	...	10 8	10 8	9 0	Sitapur	
...	...	...	...	...	...	...	...	...	...	...	...	No return received			Hardui	
...	...	...	18 8	18 8	25 0	160 0	200 0	200 0	11 4	11 4	11 0	10 0	10 0	10 0	Kheri	
...	...	...	22 8	22 12	24 0	140 0	120 0	120 0	11 0	12 0	8 8	10 0	11 0	8 12	Fyzabad	
...	...	...	27 0	27 0	24 0	160 0	200 0	160 0	...	...	...	9 0	9 0	8 4	Bharaich	
...	...	...	28 0	26 12	26 8	240 0	240 0	200 0	11 8	11 8	...	11 4	11 0	8 8	Gonda	
...	...	...	19 0	19 12	17 4	160 0	160 0	160 0	...	...	...	9 0	9 0	8 0	Rai Bareli	
...	...	...	26 0	26 0	23 0	160 0	160 0	160 0	12 0	12 0	9 8	11 12	11 12	9 0	Sultánpur	
...	...	...	22 12	23 3	21 4	200 0	200 0	200 0	11 0	11 0	10 0	10 7	10 11	8 13	Partábgarh	
...	...	...	21 12	22 12	19 8	85 0	100 0	80 0	12 8	12 8	...	11 8	11 8	11 8	Delhi	Punjab.
...	...	...	21 0	20 0	20 0	130 0	140 0	120 0	12 0	12 0	...	12 0	12 0	10 0	Gurgáon	
...	...	...	22 0	23 8	23 0	160 0	160 0	160 0	11 0	11 14	...	10 12	11 8	10 8	Karnál	
...	...	...	27 0	28 0	22 8	80 0	80 0	100 0	11 0	10 8	...	10 0	10 0	10 0	Hissar	
...	...	...	...	...	...	...	...	...	...	...	...	No return received			Rohtak	
...	...	...	35 0	35 0	25 0	120 0	120 0	120 0	11 0	11 0	...	10 8	10 8	9 0	Sirsa	
...	...	...	25 8	24 8	21 8	160 0	130 0	160 0	13 12	13 10	...	13 8	13 4	11 4	Umballa	
...	...	...	28 8	28 8	23 8	100 0	100 0	100 0	14 14	14 14	...	14 8	14 8	11 8	Ludhiana	
...	...	...	16 0	16 8	14 8	80 0	80 0	80 0	10 1	10 1	...	9 7	9 4	8 12	Simla	
...	...	...	28 0	28 0	21 8	100 0	100 0	100 0	14 0	14 4	...	13 8	13 8	11 0	Jullundur	
...	...	...	27 0	27 0	21 0	100 0	110 0	120 0	14 12	14 0	...	13 8	13 8	11 8	Hoshiarpur	
...	...	...	20 0	23 0	16 0	140 0	140 0	160 0	11 0	11 0	...	10 8	10 0	9 0	Kangra	

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPEE

Provinces	Districts	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Punjab—*continued.*	Amritsar	25 0	24 8	19 0	39 0	37 4	26 8	...	...	...	12 0	12 0	11 0	26 8	25 8	19 0	23 8	23 8	16 8
	Siálkot	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gurdáspur	30 0	30 0	22 0	40 0	40 0	28 0	...	...	...	16 0	16 0	12 0	28 0	28 0	16 0	14 0	14 0	13 0
	Lahore	23 0	23 0	18 0	37 0	35 0	27 0	...	...	...	11 0	10 0	10 0	23 0	28 0	16 0	22 0	22 0	10 0
	Ferozepore	22 0	23 0	17 8	37 0	35 0	26 8	...	...	...	11 0	11 0	10 0	30 0	32 0	19 0	...	35 0	...
	Gujránwála [a]	24 4	24 4	17 12	37 0	40 0	27 0	...	...	...	13 0	13 0	11 0	22 0	26 0	16 0	20 0	20 0	14 0
	Ráwalpindi	20 4	21 4	13 0	29 0	31 0	21 0	...	...	...	8 4	7 12	6 8	19 0	21 0	17 0	24 0	23 0	14 0
	Jhelum	23 8	23 0	15 8	31 0	30 0	21 0	...	...	...	10 0	11 0	8 0	23 0	23 0	15 0	21 0	20 0	15 0
	Gujrát	27 4	27 5	18 4	40 8	39 8	28 0	...	...	...	12 0	12 0	8 0	21 0	21 0	17 0	23 0	28 0	16 0
	Shahpúr	20 0	20 0	16 8	32 0	31 0	25 0	...	...	...	13 0	13 0	10 0	19 0	19 0	13 0	19 0	19 0	13 0
	Mooltan	16 12	16 8	14 8	26 0	24 0	20 0	...	...	...	10 0	10 0	8 0	25 0	25 0	15 0	24 0	24 0	10 0
	Jhang	19 8	21 0	15 4	30 0	31 0	23 0	...	...	...	12 0	12 0	10 0	16 0	14 0	12 0	16 0	18 0	15 0
	Montgomery	20 0	19 8	17 0	24 0	27 0	20 0	...	...	...	5 8	5 8	5 8	20 0	20 0	12 0	...	...	...
	Muzaffargarh	19 0	18 8	16 0	26 0	27 0	23 0	...	...	...	5 0	5 0	5 0	18 0	18 0	14 0	18 0	18 0	13 0
	Dera Ismail Khán	17 14	17 15	16 11	26 9	26 7	25 6	...	...	...	8 12	8 2	7 8	27 8	27 8	16 4	23 12	23 12	16 4
	Dera Gházi Khán	19 2	18 2	15 10	23 7	25 10	20 0	...	...	...	7 8	7 8	7 8	21 4	22 8	15 0	20 0	20 0	13 12
	Bannu [b]	29 1	27 8	19 1	45 0	40 0	34 6	...	...	...	8 12	10 0	6 4	27 8	28 12	17 8	27 8	22 8	15 0
	Peshawar	18 0	18 4	10 6	34 0	36 2	23 0	...	...	...	9 8	9 8	6 5	27 12	27 12	15 1	12 10	12 10	9 8
	Kohát [c]	14 15	15 5	11 13	29 4	31 14	22 15	...	...	...	12 2	12 2	7 10	21 10	22 14	10 5	20 6	20 6	...
	Házára	...	19 8	14 8	33 8	32 0	26 0	...	...	...	12 8	13 0	10 8	...	...	...	...	...	...
Central Provinces.	Nágpur	17 0	16 8	18 8	...	...	...	8 8	8 8	9 12	16 0	16 0	13 12	24 12	24 12	28 4	...	...	...
	Bhandára	18 12	19 4	23 12	...	...	...	11 4	10 0	9 12	19 12	20 0	17 0	24 12	24 12	26 0	...	...	...
	Chánda	17 0	17 0	22 4	...	...	...	...	...	...	12 8	13 0	14 12	21 0	21 0	32 8	...	...	...
	Wardha	20 4	20 4	23 0	...	...	...	8 12	8 12	8 12	16 4	16 4	11 8	23 0	25 0	30 0	...	...	...
	Bálaghát	17 0	17 0	25 0	...	...	...	15 0	15 0	15 0	22 0	22 0	25 0	...	...	...	...	...	...
	Jubbulpore	16 8	16 8	21 0	20 0	20 0	22 0	10 0	10 0	14 0	15 0	15 0	...	...	...	31 0	16 0	16 0	18 0
	Saugor	19 0	19 0	32 8	...	...	...	8 0	8 0	8 4	9 0	9 0	9 8	...	...	...	...	...	...
	Damoh	23 0	23 0	46 8	...	...	39 0	12 12	13 8	12 12	13 12	14 8	13 12	...	...	...	...	...	...
	Seoni	18 0	17 8	25 0	...	...	...	11 8	12 8	11 8	15 8	16 0	18 0	...	...	...	...	...	...
	Mandla	20 0	20 8	32 0	...	...	...	15 8	16 8	16 0	19 8	19 8	22 0	...	...	...	...	...	...
	Betúl	16 0	18 0	28 0	...	...	...	10 0	10 0	13 0	10 8	10 8	14 0	20 0	20 0	42 0	...	...	...
	Chhindwára	18 0	18 0	26 0	...	...	...	8 0	8 0	10 0	14 0	14 0	14 0	23 0	24 0	36 0	...	...	...
	Hoshangabad	15 7	14 6	20 8	...	...	...	4 0	4 0	4 2	11 4	11 14	11 14	21 0	21 0	31 8	18 0	18 0	29 0
	Narsinghpur	14 8	14 8	21 8	...	...	...	9 8	10 0	10 8	12 8	13 8	12 0	...	...	...	...	...	...
	Nimar	14 0	14 7	19 4	...	...	...	...	...	...	11 1	11 11	11 6	21 0	21 4	40 0	21 0	21 0	31 14
	Raipur	29 0	29 0	40 8	...	...	...	21 0	21 0	20 0	37 0	40 0	34 8	...	...	...	...	...	...
	Sambalpur	24 0	28 0	27 0	...	...	...	35 0	40 0	34 0	42 0	47 0	43 0	...	...	...	...	...	...
	Biláspur	45 0	54 0	60 0	...	...	...	45 0	54 0	36 0	72 0	81 0	59 0	...	...	...	...	...	...
British Burma.	*Arakan Division.*																		
	Akyab	No return received				...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Northern Arakan																		
	Kyoukpyoo																		
	Sandoway																		
	Pegu Division.																		
	Rangoon town and Hanthawaddy																		
	Tharrawaddy																		
	Prome																		
	Irrawaddy Division.																		
	Henzada																		
	Bassein																		
	Thonegwa																		
	Thayetmyo																		
	Tenasserim Division.																		
	Moulmein town and Amherst																		
	Tavoy																		
	Mergui																		
	Toungoo																		
	Shwaygyin																		
	Salween																		
Hyderabad Assigned Districts.	Secunderabad	16 5	16 5	15 2	...	...	...	6 13	6 13	7 14	9 13	9 13	9 9	23 14	23 14	23 0	...	...	...
	Bolarum	17 12	16 11	16 6	...	...	...	7 6	7 1	8 1	8 11	8 12	9 13	27 0	23 7	24 7	...	...	...
	Chudderghat	13 8	13 0	12 0	...	...	...	6 8	6 0	6 0	8 8	8 0	8 8	25 0	24 0	24 0	33 0	33 0	34 0
	Amraoti	16 0	16 0	20 0	10 0	10 0	9 8	8 0	8 0	7 0	10 0	10 0	8 0	26 0	26 0	36 0	20 0	20 0	26 0
	Akola	16 0	16 0	19 0	...	...	...	8 0	8 0	6 0	10 0	10 0	10 0	30 0	30 0	36 0	24 0	24 0	24 0
	Ellichpur	14 0	14 0	20 0	8 0	8 0	12 0	6 0	6 0	8 0	8 0	8 0	10 0	21 0	22 0	30 0	20 0	20 0	26 0
	Buldana	19 0	20 0	26 0	...	...	...	...	...	...	11 0	11 0	11 0	32 0	32 0	54 0	28 0	28 0	38 0
	Wun	14 0	14 0	17 0	...	...	...	7 0	7 0	7 0	10 8	10 8	11 0	30 0	30 0	35 0	...	...	...
	Basim	20 8	20 0	22 0	...	...	...	5 0	5 0	5 0	12 0	13 0	13 12	34 0	32 0	46 0	...	...	...

[a] Price of jowar has risen. [b] Price of barley, bajra, gram, and salt has fallen. [c] Price of gram has risen.

INDIA FOR THE 1st HALF OF JULY 1882—*continued.*

IN SEERS OF 80 TOLAHS.

Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum*, &c.			Gram.			Firewood.			Salt.						Districts.	Provinces.
									Wholesale.			Retail.				
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
...	...	...	32 8	32 4	22 0	80 0	80 0	90 0	15 0	14 13	...	14 10	14 7	12 1	Amritsar	Punjab—*continued.*
...	...	...	...	...	...	...	...	...	...	...	...	No return received			Siálkot	
...	...	...	32 0	32 0	23 0	120 0	120 0	120 0	13 4	13 4	...	12 8	12 8	10 8	Gurdáspur	
...	...	...	29 8	30 0	20 0	90 0	80 0	90 0	15 0	15 0	...	14 0	14 0	11 0	Lahore	
...	...	...	32 0	32 8	23 0	70 0	65 0	80 0	13 8	13 0	...	13 0	13 0	11 8	Ferozepore	
...	...	...	28 0	28 0	18 4	95 0	95 0	95 0	15 4	15 4	...	15 0	15 0	12 0	Gujránwála	
...	...	...	22 14	22 14	15 8	90 0	90 0	40 0	14 12	15 0	...	14 10	14 12	12 0	Ráwalpindi	
...	...	...	24 0	23 8	16 0	120 0	120 0	90 0	16 8	16 8	...	16 0	16 0	13 0	Jhelum	
...	...	...	26 4	26 2	18 0	100 0	100 0	100 0	...*	...*	...	15 0	15 0	12 2	Gujrát	
...	...	...	24 0	24 0	20 0	320 0	320 0	320 0	17 0	17 0	...	16 0	16 0	14 0	Shahpúr	
...	...	...	23 0	23 0	17 0	90 0	90 0	80 0	15 8	15 0	...	15 0	14 8	12 4	Mooltan	
...	...	...	24 0	26 0	17 0	200 0	200 0	200 0	15 0	15 0	...	14 12	14 4	12 8	Jhang	
...	...	...	25 0	26 0	19 0	200 0	200 0	200 0	12 0	11 8	...	11 0	10 8	10 8	Montgomery	
...	...	...	19 0	19 0	16 0	80 0	80 0	100 0	...*	...*	...	13 0	13 0	11 0	Muzaffargarh	
...	...	...	23 10	24 0	25 4	100 0	100 0	100 0	55 0	55 0	...	53 0	53 0	47 8	Dera Ismail Khán	
...	...	...	20 0	20 10	17 8	100 0	100 0	125 0	28 12	28 12	...	25 0	26 4	26 4	Dera Ghází Khán	
...	...	...	30 10	25 10	31 14	80 0	80 0	80 0	120 0	100 0	...	100 0	80 0	80 0	Bannu	
...	...	...	18 0	18 0	13 2	91 0	91 0	60 0	55 4	55 4	...	53 0	53 0	40 0	Pesháwar	
...	...	...	13 3	17 14	16 4	76 0	76 0	63 0	102 0	109 0	...	88 0	95 0	41 0	Kohát	
...	...	...	19 0	19 0	16 0	140 0	140 0	120 0	13 0	13 0	...	12 0	12 0	10 4	Házára	
...	...	...	22 0	22 4	21 0	130 0	130 0	120 0	11 8	11 8	10 8	11 4	11 4	10 4	Nágpur	Central Provinces.
...	...	...	22 4	24 0	26 4	...	...	...	11 0	11 0	10 8	10 12	10 12	10 0	Bhandára	
...	...	...	23 0	25 0	24 0	360 0	360 0	360 0	...	...	...	8 8	10 0	9 0	Chánda	
...	...	...	24 0	24 0	23 0	125 0	120 0	135 0	12 4	12 4	10 12	12 0	12 0	10 8	Wardha	
...	...	...	28 0	28 0	32 0	275 0	275 0	275 0	10 0	10 0	...	10 0	10 0	9 0	Bálaghát	
...	...	...	28 0	28 0	32 0	120 0	120 0	120 0	12 0	11 14	...	11 8	11 8	9 0	Jubbulpore	
...	...	...	24 0	24 0	40 0	160 0	160 0	120 0	8 8	8 8	...	8 4	8 4	7 4	Saugor	
...	...	...	79 0	39 0	64 0	200 0	200 0	200 0	9 4	8 8	6 12	9 0	8 4	6 8	Damoh	
...	...	...	23 8	23 8	38 0	210 0	220 0	190 0	10 12	10 0	7 0	10 8	9 8	6 12	Seoni	
25 0	25 0	32 0	35 0	35 0	55 0	240 0	240 0	256 0	...	...	...	9 8	9 8	6 8	Mandla	
15 0	15 0	27 0	17 0	19 0	40 0	240 0	240 0	240 0	9 8	9 8	9 8	9 0	9 0	9 0	Betúl	
18 0	18 0	26 0	23 0	25 0	35 0	200 0	200 0	200 0	10 0	10 0	9 0	9 0	9 0	8 0	Chhindwára	
...	...	...	23 10	24 12	31 0	160 0	160 0	120 0	8 14	8 14	...	8 8	8 5	5 0	Hoshangabad	
...	...	...	26 0	24 0	39 0	160 0	160 0	160 0	10 8	10 4	8 0	10 0	9 12	7 12	Narsinghpur	
...	...	...	22 0	20 13	27 6	120 0	144 0	160 0	13 4	13 8	10 6	13 0	13 0	9 13	Nimár	
...	...	...	32 0	32 0	34 8	60 0	60 0	70 0	8 4	7 14	8 0	7 12	7 12	7 8	Raipur	
...	...	...	30 0	28 0	28 0	120 0	120 0	220 0	10 0	9 0	5 8	9 0	8 8	5 0	Sambalpur	
150 0	150 0	120 0	48 0	48 0	52 0	120 0	120 0	120 0	...	...	...	7 0	7 0	7 0	Biláspur	
															Arakan Division.	British Burma.
															Akyab	
															Northern Arakan	
															Kyoukpyoo	
															Sandoway	
															Pegu Division.	
															Rangoon town and Hanthawaddy	
															Tharrawaddy	
															Prome	
															Irrawaddy Division.	
...	...	...	...	...	...	...	...	...	...	...	...	No return received			Henzada	
															Bassein	
															Thonegwa	
															Thayetmyo	
															Tenasserim Division.	
															Moulmein town and Amherst	
															Tavoy	
															Mergui	
															Toungoo	
															Shwaygyin	
															Salween	
...	...	...	17 12	17 4	20 1	125 0	125 0	125 0	10 11	10 8	9 7	10 3	10 0	9 0	Secunderabad	Hyderabad Assigned Districts.
...	...	...	18 15	17 13	22 8	116 14	116 14	116 14	...	...	...	10 12	10 12	9 8	Bolarum	
...	...	...	17 8	17 0	19 0	80 0	80 0	80 0	...	...	...	9 8	9 8	8 4	Chudderghat	
...	...	...	20 0	20 0	22 0	64 0	64 0	80 0	12 0	12 0	11 0	11 8	11 8	10 8	Amraoti	
7 8	7 8	7 8	22 0	22 0	24 0	64 0	64 0	64 0	11 0	11 0	10 0	10 0	10 0	9 0	Akola	
...	...	...	16 0	16 0	23 0	64 0	64 0	64 0	...	...	...	9 0	9 0	9 0	Ellichpur	
...	...	...	22 0	24 0	35 0	...	...	...	...	...	...	10 0	10 0	10 0	Buldána	
...	...	...	22 0	22 0	23 0	100 0	100 0	100 0	...	...	...	8 0	8 0	8 0	Wún	
...	...	...	26 0	25 0	26 0	64 0	64 0	64 0	10 0	11 8	9 0	9 0	11 0	8 0	Básim	

* No wholesale salt sold.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPEE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Mysore	Bangalore	11 5	12 2	11 14	13 0	13 1	13 2	9 9	10 2	9 4	11 0	11 1	10 13	22 14	24 12	26 15	...	...	...
	Kolar	...	...	...	12 0	...	10 6	13 15	13 15	11 0	15 3	15 3	14 2	...	...	...	...	...	...
	Túmkúr	14 0	14 8	12 0	13 0	13 0	12 0	12 0	12 0	12 0	12 8	12 8	13 8	...	...	...	...	...	...
	Mysore	10 4	10 4	10 0	...	...	...	10 12	10 12	10 8	11 8	11 12	11 0	...	...	...	...	...	...
	Hassan	12 0	12 0	12 0	14 0	13 0	13 0	10 0	10 0	12 0	12 0	11 0	13 0	...	...	...	...	...	...
	Shimoga	11 9	12 10	14 11	13 10	14 11	16 13	10 8	10 8	12 10	12 10	12 10	16 13	25 3	27 5	39 14	...	...	...
	Kadur	16 0	16 0	14 0	15 0	15 0	...	12 0	12 0	15 0	14 0	14 0	17 0	...	...	...	...	...	...
	Chitaldroog	16 0	16 0	16 0	18 0	18 0	20 0	11 0	12 0	12 0	12 0	13 0	13 0	36 0	36 0	48 0	28 0	28 0	48 0
Coorg	Coorg	7 12	7 15	8 11	8 8	8 7	9 10	10 10	10 11	11 2	13 12	13 2	16 14	...	...	...	...	...	...
Rajpootana	Jeypore	16 8	16 8	15 0	21 0	22 0	21 8	6 0	6 0	6 0	9 0	9 0	9 0	20 0	20 0	24 0	18 4	19 0	18 0
	Kishengurh	16 0	15 8	17 8	21 8	22 0	27 0	8 0	7 0	8 8	9 0	8 0	9 0	21 0	22 0	26 8	17 0	19 0	21 0
	Kerrowlee	16 0	17 0	*	18 8	20 0	*	12 8	13 8	*	13 8	15 0	*	18 8	20 0	*	16 0	17 8	*
	Ulwur	17 15	17 0	16 10	22 3	21 8	20 8	8 0	8 0	8 0	11 10	11 11	10 10	22 0	22 2	20 11	16 3	16 0	18 10
	Bhurtpore (City)	17 8	17 8	17 4	23 8	22 8	23 0	6 8	6 8	6 4	11 8	11 0	7 8	20 8	23 8	25 4	17 8	19 8	19 12
	Ajmere	15 0	14 8	16 8	21 8	21 0	23 8	5 0	5 0	5 0	8 0	8 0	8 0	18 0	19 0	20 0	18 0	16 0	18 0
	Deoli Cantonment	16 7	16 0	18 12	20 6	19 5	23 12	...	...	...	10 8	10 8	10 0	20 0	20 0	25 1	16 0	16 1	22 0
	Erinpura	16 10	16 10	17 12	29 0	29 0	28 0	...	...	...	8 0	8 0	7 0	25 0	25 0	22 0	23 0	23 0	23 0
	Sirohee	17 8	17 0	16 0	28 0	28 0	26 0	7 0	7 0	6 8	8 8	8 4	8 0	17 0	17 0	18 0	21 0	21 0	23 0
	Abu	15 2	15 6	14 4	22 12	22 12	22 4	6 8	6 8	5 8	8 0	8 0	8 0	...	...	...	18 0	18 4	18 5
	Anadra	17 0	17 2	16 0	26 0	26 4	27 0	7 0	7 0	6 0	9 0	9 0	8 8	...	...	...	21 0	21 0	21 0
	Hilly Tracts of Meywar	20 0	18 8	24 0	28 0	26 0	44 0	...	...	...	18 0	17 0	16 0	...	...	...	...	...	...
	Meywar (Oodeypore)	14 10¼	14 1	16 0¼	19 8½	18 5¾	21 7¾	10 2½	10 15	7 13	...	...	...	...	...	...	...	...	...
	Bánswára (Meywar Agency)	21 4	21 4	28 12	...	...	...	10 0	10 0	8 12	18 12	18 12	17 8	...	...	...	...	...	...
	Partábgarh (")	16 1	15 5	21 4	...	...	...	10 15	10 5	7 8	13 7	13 7	12 8	...	...	...	...	...	...
	Marwar (Jodhpore)	15 0	14 11	15 0	20 0	20 0	18 2	5 0	6 4	5 0	6 14	6 14	6 4	17 8	20 0	18 2	18 12	17 8	17 8
	Bikaneer	12 0	13 4	10 0	...	...	...	3 2	3 1	2 14	6 8	6 8	6 2	...	...	...	17 4	18 8	13 0
	Boondee	16 8	16 8	23 0	25 12	25 8	32 0	9 8	9 8	7 8	10 0	10 0	9 8	26 0	26 0	30 0	...	...	...
	Kotah	15 12	16 4	25 4	20 0	21 0	32 0	8 12	8 12	8 0	11 0	11 0	10 0	19 8	20 0	40 8	16 0	16 0	20 0
	Tonk	14 0	13 14	17 13	20 0	19 6	26 6	7 0	7 0	7 0	10 0	10 0	9 0	21 6	20 15	25 14	16 5	16 0	19 11
	Jhallawar	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Shahpoora	17 1	17 12	19 0	21 5	21 0	23 12	9 8	10 0	8 12	13 8	13 8	13 4	18 4	18 0	23 0	16 1	17 0	15 0
	Dholpur	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Central India	Indore	15 0	14 12	19 3	...	...	...	8 9	9 3	8 0	10 0	10 14	8 9	20 0	20 0	34 4	20 0	19 3	30 0
	Gwalior	15 7	14 12	15 3	20 1	20 9	19 11	7 5	7 5	6 14	9 10	9 10	9 6	18 12	19 3	18 12	15 9	15 9	14 10
	Goona	20 8	20 0	26 8	17 0	17 0	21 0	9 12	9 8	9 8	10 4	10 0	10 0	25 0	24 0	34 0	17 0	17 0	21 0
	Baghelkhand (Sutna)	21 0	21 0	22 0	32 10	33 6	33 6	8 0	8 0	7 0	17 12	19 1	17 0	32 10	35 0	29 14	24 0	24 0	19 0

* Not received.

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch.*)

INDIA FOR THE 1st HALF OF JULY 1882—*concluded.*

IN SEERS OF 80 TOLAHS.

Lesser Millets, Ragi, &c. (Kavaru, Veraru, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt.						Districts.	Provinces.
									Wholesale.			Retail.				
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
25 13	25 12	28 1	29 6	29 4	34 5	96 0	96 0	84 0	13 0†	12 4†	10 8†	12 12†	11 11†	10 0†	Bangalore	Mysore.
28 13	28 13	34 0	31 15	31 15	38 4	172 6	172 6	172 6	13 8†	12 10†	11 5†	13 3†	12 5†	11 1†	Kolar	
30 0	31 0	35 0	36 0	36 0	35 0	340 0	340 0	340 0	10 0‡	11 0‡	12 8‡	9 8‡	10 8‡	12 0‡	Túmkúr	
20 0	20 0	22 0	28 0	27 0	29 8	72 0	72 0	81 0	8 4†	8 4†	7 12†	8 0†	8 0†	7 10†	Mysore	
22 0	24 0	30 0	26 8	28 0	32 0	600 0	600 0	600 0	...	...	...	8 0†	9 0†	7 0†	Hassan	
31 0	27 14	45 7	29 6	29 6	36 4	480 0	480 0	480 0	10 8†	10 8†	...	10 0†	10 0†	8 10†	Shimoga	
25 0	25 0	36 0	23 0	23 0	24 0	64 0	64 0	64 0	...	...	...	11 0†	11 0†	9 0†	Kadur	
39 0	40 0	52 0	30 0	28 0	48 0	100 0	100 0	100 0	12 0‡	12 0‡	16 0‡	12 0‡	12 0‡	16 0‡	Chitaldroog	
19 14	19 7	29 2	20 14	21 11	28 9	110 0	110 0	110 0	9 1	9 0	...	8 12	8 10	8 1	Coorg	Coorg
...	...	...	17 0	17 8	17 8	...	...	...	14 0	13 8	...	13 8	13 0	11 0	Jeypore	Rajpootana.
...	...	...	20 8	21 8	26 8	...	...	...	...	...	...	16 0	16 0	12 8	Kishengurh	
...	...	...	18 8	19 0	*	...	...	...	13 10	13 10	*	13 8	13 8	*	Kerrowlee	
...	...	...	21 2	20 15	17 14	...	...	...	15 13	15 13	...	15 6	15 6	12 5	Ulwur	
...	...	...	21 0	20 8	18 8	...	...	...	14 4	14 8	...	14 0	14 0	12 8	Bhurtpore (City)	
...	...	...	21 0	20 8	20 0	70 0	70 0	60 0	...	...	...	15 0	15 0	12 0	Ajmere	
...	...	...	20 5	19 2	21 0	...	...	...	...	...	...	13 0	13 2	10 8	Deoli Cantonment	
									Rs. A. P.	Rs. A. P. per md.	Rs. A. P.					
...	...	...	23 0	23 0	21 4	170 0	170 0	160 0	3 1 2	3 1 2	...	12 0	12 0	10 8	Erinpura	
...	...	...	22 0	20 8	20 0	160 0	160 0	120 0	3 0 0	3 5 0	...	12 5	11 7	11 7	Sirohee	
...	...	...	18 12	18 12	16 4	160 0	160 0	160 0	3 12 0	3 12 0	...	10 8	10 8	10 8	Abu	
...	...	...	20 12	21 0	18 12	...	...	...	3 8 0	3 8 0	...	11 8	11 8	10 8	Anadra	
...	...	...	25 0	24 0	33 0	§	§	§	...	...	...	10 0	10 8	8 8	Hilly Tracts of Meywar	
									S. Ch.	S. Ch.	S. Ch.					
...	...	...	17 15½	16 12¾	21 14	200 0	200 0	200 0	10 8¾	10 2½	...	10 2½	9 12¼	6 4	Meywar (Oodeypore)	
...	...	...	35 0	35 0	50 0	...	...	...	...	...	...	11 4	11 4	9 1	Bánswára (Meywar Agency)	
...	...	...	20 0	19 11	31 4	...	...	...	...	...	...	10 0	10 0	8 12	Partábgarh („	
									Rs. A. P.	Rs. A. P. per md.	Rs. A. P.					
...	...	...	18 12	18 2	13 12	...	...	...	2 9 0	2 9 0	...	15 0	15 0	14 11	Marwar (Jodhpore)	
									S. Ch.	S. Ch.	S. Ch.					
...	...	...	16 10	15 0	16 4	...	...	...	...	...	...	11 8	11 8	11 8	Bikaneer	
...	...	...	25 0	24 8	31 0	140 0	140 0	170 0	11 12	11 12	7 8	11 8	11 8	...	Boondee	
...	...	...	22 12	23 8	32 4	240 0	240 0	240 0	12 4	12 4	...	11 12	11 12	9 0	Kotah	
...	...	...	19 9	18 15	21 15	160 0	160 0	140 0	12 4	12 10	10 8	12 0	12 7	...	Tonk	
...	...	...	...	...	...	...	...	...	...	...	...	No return received			Jhallawar	
...	...	...	19 0	19 6	20 8	160 0	160 0	160 0	13 2	13 8	10 4	13 0	13 4	...	Shahpoora	
...	...	...	...	...	...	...	...	...	...	...	...	No return received			Dholpur	
...	...	...	19 3	18 7	25 4	100 0	100 0	100 0	11 8	11 8	...	10 14	10 14	6 8	Indore	Central India.
...	...	...	18 12	18 15	16 5	91 4	109 8	118 10	...	...	...	11 7	11 5	9 10	Gwalior	
...	...	...	24 8	24 0	34 0	200 0	200 0	200 0	11 8	11 8	...	11 0	11 0	8 10	Goona	
...	...	...	30 0	29 8	26 6	160 0	160 0	160 0	12 5	12 1	...	11 8	11 5	10 8	Baghelkhand (Sutna)	

† Sea Salt. ‡ Earth Salt. § Eight pies per bundle.

D. M. BARBOUR,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 8th AUGUST 1882.

GENERAL REMARKS.—The very heavy rainfall in the extreme south-west of the Madras Presidency and in Coorg has somewhat diminished, although still heavy. In other parts of the Madras Presidency it has continued to be light, except in Ganjam. In Mysore rain fell in varying quantities in all districts. In the Nizam's Territories only light showers occurred. In Berar the rainfall was good. In the Bombay Presidency it was good in some districts and deficient in a few. In the Central Provinces it was generally fair, though heavy in some districts.

In Central India and Rajputana the rainfall was good in some States, light in others, and a break occurred in a few States. In the Punjab there was rain in all but four districts, light, except in Amritsar. In the North-Western Provinces and Oudh good rain fell everywhere, excepting one or two districts. From Bengal rain in varying quantities is reported from all districts. In Assam and British Burma good rain fell in all districts, except Prome.

Agricultural prospects are favourable in both these Provinces; ploughing, sowing, and transplanting are progressing. In Bengal more rain would be beneficial in many parts for autumn crops and the winter rice. In the North-Western Provinces and Oudh the prospects of the *kharif* crops are generally favourable, but here also more rain is needed in some districts. In the Punjab sowings have been completed or nearly so, and prospects are good here as well as in the Rajputana and Central India States. In the Central Provinces a break in the wet weather is still needed for weeding operations in some districts; prospects of the *kharif* crops are favourable.

In the Bombay Presidency sowings have mostly been completed, and rice is being transplanted in some parts; more rain seems wanted in the Deccan. In Berar the cotton and *kharif* crops are in good condition. In the Nizam's Territories also crops are in good condition, but more rain is needed. In Mysore wet cultivation in some parts requires more water, while in others excessive rain has done some damage; but on the whole prospects are favourable here and also in Coorg. In the Madras Presidency standing crops are, with a few exceptions, in fair condition.

The barometer had risen in all parts of Northern India and in the central and western parts of the Peninsula up to the 9th instant, but a slight fall set in on the 10th. The break in the rains, however, continues in North-Western India, where dry weather has set in. Atmospheric conditions somewhat resemble those of August 1880.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(Aug. 9th)		
Bellary ...	·48 (average of five stations).	Standing crops good, though dry partially withering and worm-eaten; agricultural operations progressing.
Kurnool ...	·24 (average of two stations).	More rain wanted; young crops fading; cattle-disease in parts.
Ganjam ...	3·45 (average of eleven stations).	Standing crops thriving; fever, small-pox, and cattle-disease continue; cholera subsiding.
Kistna ...	·65 (average of twelve stations).	Standing crops along Kistna damaged, others require rain; agricultural operations progressing; small-pox slight and cattle-disease prevalent.
Chingleput (Madras) ...	·51 (average of eight stations).	Standing crops under larger tanks and channels good; agricultural operations going on; cholera and cattle-disease in parts.
Coimbatore ...	·92 (average of six stations).	Standing crops, paddy promising; dry crops damaged in parts by rain; want of rain felt; insects in some places; harvest dry crops, yield average; fever and small-pox in parts; cholera and cattle-disease has broken out in parts.
Tanjore ...	·38 (average of seven stations).	Standing crops generally good but damaged by breaches in seven taluks; cattle-disease in parts of a taluk.
Madura ...	·37 (average of three stations).	Standing crops fair, though withering in one taluk; harvest paddy and dry crops, outturn average; cholera in parts.
Malabar ...	8·12 (average of fourteen stations).	First crop partially destroyed by heavy rain; small-pox, fever, and cattle-disease in parts; cholera slight.
Travancore ...	3·10	Rice cultivation considerably damaged by floods; fever continues. *General Remarks.*—General prospects fair.
Bombay—(Aug. 9th)		
Kurrachee ...	Manora, ·46; Tatta, 1·46; Dadu, ·63.	River at Kotri on 7th, 19¾ feet against 16 feet 1 inch on same date last year; fever in four talukas; 5 cases of small-pox in the vicinity of Tatta; crops submerged in many places; rats doing some damage to rice crops in Jati taluka; wheat, red rice, and *bajri* in Kurrachee 23, 35 and 32, in Sehwan 28, 46 and 46, in Sakro 18 36 and 48, and in Shahbandar 20, 48 and 48 lbs. per rupee, respectively.
Hyderabad ...	Rain in twelve talukas, average 1·30.	River still in high flood; fever in Mirpur taluka; wheat 25, *juari* 45, *bajri* 40, red rice 32, and white rice 22 lbs. per rupee; crops damaged by rats in Bago, Tando and Badin talukas.
Ahmedabad ...	1·40	Total rainfall 27·24; sowing of *bajri*, &c., and transplantation of rice continue in Ahmedabad city; 8 cholera cases, 1 fatal; wheat 26 and *bajri* 30 lbs. per rupee.
Baroda ...	1·01	Total rainfall 30·42; sowing of *kharif* and transplantation of rice continue; young crops doing well generally; cholera at Amreli and Manekwara continues in a mild form; *bajri* 32 and common rice 24 lbs. per British rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Surat ...	·21	Total rainfall 31·91; break continues; crops generally healthy; *juari* 36 and *nagli* 51 lbs. per rupee.
Násik ...	Igatpuri, 7·54; Peint, 4·41; no rain in Baglan or Kalwan; showers elsewhere.	Crops good; *bajri* sowing incomplete in places; locusts in Nandgaon; cattle-disease in a few places; cholera in Násik and Sinnar; wheat 25, *bajri* 38, and rice 25 lbs. per rupee.
Colaba (Bombay) ...	Rain every day; total of week 1·35.	Total rainfall to date 56·45, being 7·36 above average; abnormal temperature *nil* on 2nd, 7th, and 8th, 1° warm on 3rd and 1° cool from 4th to 6th; vapour in air normal; abnormal wind from the south-west on 6th; wind normal on all other days.
Poona ...	.....	Break continues; young crops healthy; 3 cholera cases in Poona, 2 fatal; *bajri* 45 and *juari* 58½ lbs.; in Poona *bajri* 36¾ and *juari* 47¼ lbs. per rupee.
Ahmednagar ...	Newasa, ·53; Karjat, 39; very slight in Nagar, Parner, Jhamkhed, Sheegaon, Sangamner, and Akola; none in the remaining three talukas.	Total average rainfall of the district 11·21; sowing of *kharif* in progress in Jhamkhed, Sheogaon, Sangamner, and Akola and completed in others; rain much wanted; cattle-disease in Nagar, Sheogaon, and Akola; cholera—in Parner 18 attacks and 6 deaths, in Shrigonda 8 attacks and 2 deaths; *bajri*—maximum 66 lbs. in Jhamkhed, minimum 48 in Kopergaon; *juari* maximum 102 lbs. in Jhamkhed, minimum 54 in Kopergaon.
Sholapur ...	·58	Total rainfall 17·64; 109 cholera cases, 48 deaths; rain much needed; cattle-disease in Malsiras taluka; *bajri* 37 lbs. and *juari* 79 lbs. 39 tolas per rupee.
Dharwar	Rain at all stations except Navalgund, Nargund, Ron, and Mundargi; maximum at Dharwar, 1·23; minimum at Rannibennur, ·13.	Rain wanted at Ron, Nargund, and Mundargi; young standing crops good where not damaged by too much rain; *juari* sowing nearly completed; ague in Mugud *petta* and cattle-disease in Bankapur, Hangal, and Ron; maximum and minimum price of *juari* 80 and 54 lbs. and of rice 30 and 18 lbs., respectively; scarcity of drinking-water in Nargund and twelve other villages of the *petta*.
Kanara ...	Karwar, 3·63; Kumpta, 3·68; Sirsi, 2·92; Hallial, 1·36.	Total rainfall 80·35; rice plants healthy except in low lands; crops damaged by heavy rainfall in July in Sirsi, Honawar, and Sidapur talukas; betelnut, cardamum, and pepper crops much injured; land-slips in Sidapur burying Rio betelnut garden in Chapparman; many huts on banks of the Sharavati washed away, no lives lost; cattle-disease subsiding; common rice in Karwar 11 seers, in district average 13¾ seers per rupee.
Rajkot ...	·13	Total rainfall 13·78; weather cloudy; general health fair; crops thriving; cholera in some places; *bajri* 27 and *juari* 32 lbs. per rupee.
		General Remarks.—Sowing mostly completed; transplantation in progress; river high in Sind; breaches in Sukkur and Nara canals submerging villages in Sukkur and Nowshera talukas; rains generally abating in Presidency districts and much wanted in Kaladgi, Ahmednagar, Sholapur, and parts of Dharwar; locusts in Násik and Khandesh; fever and cattle-disease in some districts; cholera in Bélgaum, Satara, Sholapur, Ahmednaga thana, Kaira, and parts of Kathiawar.
Bengal—(Aug. 9th)		
Chittagong ...	6·29	Weather seasonable; rain has done much good to standing crops; cultivation of *amun* going on steadily; prices stationary; cholera and small-pox still continue.
Dacca ...	2·43	Both jute and rice damaged by falling of rivers; health improving since rain fell.
24-Pergunnahs (Calcutta)	1·26	Prospects of jute, early rice, and sugarcane good; cultivation of winter crops going on, but more rain wanted for transplanting of *amun* paddy seedlings; public health generally good; rivers rising.
Moorshedabad ...	2·08	*Bhadoi* being cut, but much loss has been done to low land crops by rise of rivers, especially in thana Dewanserai; prospects of *amun* were becoming unsatisfactory owing to want of rain, but rain which fell on 5th and 6th has done much good, and will enable cultivators to go on with transplanting operations; fever prevails in Gokuru and Rangamati, and cholera in a few places; cattle-disease in Kalyanganj.
Rajshahye ...	·62; Nattore, ·34	Crops suffering for want of sufficient rain; fever general.
Burdwan ...	·38; Cutwa, ·98; Raniganj, 2·5.	Weather hot and cloudy; rain much wanted; public health generally good; a little cholera in head-quarters subdivision.
Rungpore ...	·80	Weather cloudy and hot; transplanting of winter rice stopped for want of rain; prospects of other crops good; public health good.
Bhagálpur ...	2·41	Late rain has revived rice plants, but more required; autumn crops doing well.
Purneah ...	6·8	Recent rain prevented much further damage; transplanting proceeding; health fair; Kosi rising; Ganges high.
Patna ...	·67	Rain wanted everywhere for transplanting rice; prospects of autumn crops fair; cholera still reported from Barrh and Behar sub-divisions.
Durbhunga ...	Copious rain since night of 5th; 6·64.	All prospects greatly improved; *bhadoi* safe; rice cultivation going on well; cholera in places; prices falling slightly.
Hazáribágh ...	·88	Weather seasonable; *bhadoi* crops look well; transplanting of paddy continues, but more rain wanted; general health good.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bengal—*contd.*		
Cuttack ...	3·17	Rivers still high; state of crops good; cholera still reported.
		General Remarks.—General prospects in these provinces not very satisfactory owing to scanty rainfall; cultivation of *amun* rice for the most part greatly interfered with, save in Orissa and parts of Chota Nagpur where there has been sufficient rain, and in Durbhunga, Purneah, Chittagong and a few other districts where good rain fell during the week; more rain is also urgently required for autumn crops in many places; fever has appeared in some districts, it is said to be increasing in Nuddea; cases of cholera still reported from some districts.
N. W. Provinces and Oudh—		
Benares (Aug. 8th)	1·20; Chandauli, 2·70; Gungapore, no report received.	Prospects for *rabi* crops generally fair, but in Benares district more rain wanted for transplanting late rice; health of cattle good; some cholera still reported in city, pargana Dehát Amánat, and parts of tahsil Chandauli; fever in Chandauli tahsil; bazaars fairly well supplied; prices steady.
Allahabad („ „)	Little rain	Rain much wanted now both for rising crops and for *bajri* sowings; rice specially requires rain; some sporadic cholera, but not spreading; health on whole good for this season, considering long break in rains; prices falling slightly.
Gorakhpur („ „)	Good rain on 6th all over district.	Rice gone in parts, but the greater part will be saved; health good; prices still rising.
Jhánsi („ „)	Average 3·40	A break of four days in three parganas has benefited crops in *mar* soil; continuous fine weather greatly wanted; uplands being prepared for *rabi* sowing; prices fluctuating; cholera continues in Gursarai, a few cases also reported from two other villages.
Agra („ „)	Rain in six parganas from 2·0 to 1·10.	Some crops slightly damaged in two parganas from excessive rain; a break during week, which was much needed; slight fever in six parganas; cholera abating in Ferozabad; general health good; prices stationary.
Bareilly („ „)	Average 1·70	Weather seasonable; crops excellent; cholera and fever appearing.
Meerut („ „)	Very little rain, more wanted.	Wind westerly greater part of week; rice being irrigated; health good, but fever commencing; crops flourishing; supplies sufficient; prices stationary.
Kumaun („ „)	Good rain on 5th and 6th.	Crop prospects excellent; 10 more deaths from *mahamari*; health good; cattle-disease decreasing; prices decreasing.
Rae Bareli („ 7th)	Sadr, 2·10; Dalman, 5·0; Digbijaiganj, 1·0; Salon, 1·10.	*Kharif* crops promising; cholera still hanging about; some cattle-disease in tahsil Dalman; prices slightly falling.
Lucknow („ 8th)	Sadr, 2·70; Maliabad, 1·20; Mohanlalganj, 1·10.	*Kharif* prospects favourable; weeding going on; more rain wanted for rice crops; prices steady; cholera increasing in district and city.
Partabgarh („ „)	Good rain, 1·45 at Sadr; Ratti, 2·80.	Prospects much improved; general health good; slight cholera at Ratti.
Cawnpore („ „)	Average over 1·30	Weather clear again; crops flourishing; weeding operations in progress; cholera continues in three parganas; prices slightly risen.
Sitapur („ „)	Sidhauli, 2·30; Misrikh, 1·80.	Rain has greatly benefited the crops; Sitapur and Biswan still much need rain; cholera increasing; slight cattle-disease in two tahsils; supplies sufficient. * * * *
Farukhabad („ „)	General rain throughout the district.	More rain required; prices steady; markets well supplied; a few cases of cholera reported from Aligarh, otherwise health good.
Fyzabad („ „)	3·10	Prospects favourable; a little cholera still continues in city and district; cattle-disease in tahsil Akbarpur.
		General Remarks.—Good rain throughout the province, but more is still required in Benares, Allahabad, Sitapur, Farukhabad, and Meerut; *kharif* prospects generally favourable; prices rising slightly in Gorakhpur, Cawnpore, and Saharanpur, elsewhere stationary or falling; cholera continues, and slight fever has appeared in Meerut and Bareilly; cattle-disease continues in Oudh, but is decreasing in Kumaun.
Punjab—(Aug. 8th)		
Delhi ...	1·50	*Kharif* prospects good; health good; slight rise in prices of wheat and gram.
Hissar ...	No rain	*Kharif* sowings continue; health good; prices steady.
Umballa ...	0·20	*Kharif* sowings nearly finished; health good; prices stationary.
Jullundur ...	No rain	Health good; prices steady.
Amritsar ...	4·40	*Kharif* sowings continue; health good; prices steady.
Sialkot ...	0·50	Health good; prices stationary.
Lahore ...	0·50	Health good; prices stationary.
Ferozepore ...	1·80	*Kharif* sowings finished; health good; prices steady.
Mooltan ...	No rain	*Kharif* crops good; health good; prices steady.
Rawalpindi ...	1·50	Rinderpest in Rawalpindi tahsil and measles in Pindigheb nearly disappeared; *kharif* crops good; prices steady.
Dera Ismail Khan ...	0·30	*Kharif* prospects good; health good; prices steady.
Peshawar ...	No rain reported	*Kharif* sowings completed; health fair; prices stationary.
		General Remarks.—Rain has fallen in the Delhi, Amritsar, Sialkot, Lahore, Ferozepore, Rawalpindi, and Dera Ismail Khan districts; rinderpest in Rawalpindi tahsil and measles in Pindigheb have nearly disappeared; health good; prices steady.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Central Provinces—		
Nagpur (Aug. 9th)	·11	Weeding operations being vigorously prosecuted; cholera spreading in district; prices steady.
Jubbulpore („ 8th)	3·72	Crops suffering from rain; break needed; cholera abating; small-pox prevalent; prices stationary.
Saugor („ 7th)	9·12	Break wanted; slight damage to crops; cholera reported; prices show a tendency to rise.
Seoni („ 8th)	1·50	Weather cloudy; weeding and ploughing progressing; cholera increasing; cattle-disease declining; isolated cases of small-pox; prices stationary.
Khandwa („ „)	1·8, showery	Weeding operations progressing; small-pox reported; wheat 14 seers per rupee.
Hoshangabad („ „)	3·99	Break needed; cholera and small-pox reported; wheat 15 seers per rupee.
Raipur („ 5th)	1·49, slight showers	Weather cloudy; weeding operations going on; crops doing well; fever prevalent; few cases cholera; prices rising; rice 31 seers per rupee.
Sambalpur („ 3rd)	2·43, occasional showers.	Weather close; prospects of crops good; fever slightly prevalent; rice 56 seers per rupee.
		General Remarks.—Weather cloudy, with slight showers; in some districts heavy rain; break much needed for weeding operations; prospects of *kharif* crops favourable; cholera still reported; prices continue stationary.
British Burma—(Aug. 9th)		
Akyab ...	13·81	Total rainfall 148·89; cholera in township; 10 deaths from small-pox in one township, otherwise public health good; cattle-disease severe in one township; sowings nearly completed.
Rangoon ...	6·33	Total rainfall 50·35; seven fatal cases of cholera, otherwise public health good; ploughing completed; crops sown; progress favourable.
Bassein ...	6·79	Total rainfall 74·18; several deaths from cholera in one township, otherwise public health good; cattle-disease prevalent in two townships; ploughing and planting out progressing.
Prome ...	1·77	Total rainfall 22·85; cholera still sporadic in district, but no heavy outbreaks reported; 3 deaths in Prome town; cattle-disease still about; late rains have done much good, and ploughing is reported as progressing; one township still suffering from want of rain.
Amherst (Moulmein) ...	13·51	Total rainfall 126·59; cholera in one township, otherwise public health good both in Moulmein and district; cattle-disease reported in three townships; sowings still progressing.
Toungoo ...	3·94	Total rainfall 50·41; public health good; some cattle-disease in one township.
		General Remarks.—Cholera in Akyab, Tharrawaddy, Prome, and Thyetmyo, and several cases in a few other districts, otherwise public health good; cattle-disease continues; more rain in Prome and Thyetmyo, but not yet enough for all parts of those districts; cultivation prevented in portions of Thonegwa by floods and excessively high tides; agricultural operations generally going on well.
Assam—(Aug. 9th)		
Gauhati ...	8·13	Transplanting operations which were at a standstill recommenced; public health fair; cattle-disease reported from interior.
Sylhet ...	7·83; rain general	Great efforts being made to make up for lost time; some kinds of *aus* paddy being harvested; nip has appeared in tea.
Cachar ...	3·43	Weather cloudy; prospects of tea, *dumahi*, and *murali* crops satisfactory; transplanting *sali* crop continues; common rice 25¾ seers per rupee; public health good; death of 6 cows by cattle-disease reported from Lakhimpur.
Dibrugarh ...	3·79	Weather hot; harvesting *aus* paddy; more rain wanted for transplanting of *sali* crop; district healthy.
Mysore and Coorg—(Aug. 2nd)		
Bangalore ...	2·33	Standing crops in good condition; sowing of *ragi*, *dhal* and *bollar* continues; prospects of season fair; public health good.
Mysore ...	·69	Crops in good condition; health good.
		General Remarks.—Rain has fallen copiously in the Kolar, Anumkur, Shooga, and Kadur districts, moderately elsewhere; standing crops generally in good condition in parts of the Hassan and Shimoga districts; crops somewhat injured from excessive rain; sowing operation in active progress; prospects very good; fever, dysentery, and diarrhœa prevalent in parts; prices stationary.
Mysore and Coorg—(Aug. 9th)		
Bangalore ...	1·38	Standing crops are thriving; prospects favourable.
Mysore ...	·93	Crops flourishing.
Mercara ...	9·66	Rain continues; fair weather needed; rice being transplanted; *ragi* doing well; public health and prospects of season good; prices stationary.
		General Remarks.—Rain continues to fall generally throughout the Mysore State; wet cultivation in some parts requires more water, while at others excessive rain has done some damage and is retarding the transplanting of seedlings; in Kolar the rain has been scanty; crops generally in good condition and prospects are favourable; small-pox, fever, and murrain prevail in many places; prices satisfactory.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Berar & Hyderabad—(Aug. 9th)		
Amráoti ...	1·35	Cotton and *kharif* crops in good condition; prices—wheat 11 and *juari* 30 seers per rupee.
Akola ...	1·72	*Kharif* crops promising; weeding begun
Hyderabad ...	·20	*Kharif* crops in good condition; *rabi* sowings postponed on account of breaks in weather; prices—wheat 16, common rice 10¼, white *juari* 25¼, jellow *juari* 30, and *tur* 26 seers per current sicca rupee.
Central India States—(Aug 9th)		
Indore ...	·28	There has been a very seasonable break which has revived agricultural prospects for the *kharif*; prices are steady; health good.
Morar (Gwalior) ...	·22	Health and prospects good.
Sutna ...	1·0	
Rutlam ...	.....	No report received.
Neemuch ...	2·98	Health good; crops thriving.
Goona ...	2·45	Health good; prospects fair.
Bhopal ..	4·5; light continuous rain.	Prospects good; some cholera exists.
Agar ...	No rain	Prospects good; cholera at Sitaman.
Nowgong ...	4·92	Health and prospects good; prices stationary.
Manpur ...	1·0	*Juari* and *makka* crops estimated at 8 annas in the rupee; health good; prices unchanged.
Rajputana—		
Abu (Aug. 9th)	3·70	High variable winds; weather cloudy.
Sirohi („ 6th)	1·60	Tanks, wells, health, and prospects good
Marwar („ 4th)	1·73	Four months' water in tanks by recent rains; health good; rising crops excellent; prices falling slowly; weather still cloudy.
Meywar („ 5th)	1·41	Tanks and wells good; health fair; prospects favourable
Harowti („ „)	Deoli, 1·87; Tonk, 1·66.	Cholera still prevalent at Tonk, otherwise health fair; prospects favourable.
Jhallawar („ 2nd)	1·88	Violent thunderstorms; health good.
Ajmere („ 8th)	.....	Break in weather continues; cholera disappearing, but slight small-pox in Beawar and Todghur; cattle-disease has appeared in last two tahsils; sowing continues.
Jeypore („ „)	0·13	Prices steady; cholera is slightly on the increase in the city.
Bhurtpore .	.....	No report received.
Ulwur (Aug. 8th)	.....	Break in rain would have been more beneficial but for strong west-south-west winds; fever and a few cases of cholera reported; prices—wheat, barley, and gram slightly rising, and *bajra* and *juar* steady.
Nepal—		
Katmandu (Aug. 3rd)	1·68	Hot and oppressive weather for the past week; the prospects of the rice crop are so far good.

E. C. BUCK,
Secy. to the Govt. of India.

Circular No. 32Ex.

Extract from the Proceedings of the Government of India, in the Revenue and Agricultural Department (Exhibitions),—dated Simla, the 28th July 1882.

READ—

Report on the Melbourne International Exhibition of 1881, by James Inglis, Esq., Executive Commissioner of India.

Read also—

Note by E. C. Buck, Esq., President, Melbourne Exhibition Committee.

RESOLUTION.

THE papers cited above describe the share taken by the Government of India in the Melbourne Exhibition of 1880, and the efforts made in connection with this event to establish closer trade relations between India and Australia. They also contain an interesting account of the commercial wants and resources of the latter country, from which the probabilities in favour of a more extensive trade with India may be estimated.

2. The Melbourne Exhibition, as the Report points out, was the first one in which the Government of India took part with the distinct purpose of turning it to practical use. In this connection it is important to note the difference between the functions discharged at such industrial gatherings by

the Government of India and by the Governments of European countries. A European Government may take part in an Exhibition with very little expense and trouble. It may depute an officer to represent it and to arrange the court, but it has little or no concern with the articles exhibited. Private enterprise does all the rest, as the commercial value of an Exhibition is fully recognised among all trades and industries. On the Government of India, however, the whole weight of an Exhibition, from purchasing the exhibits in India to finally disposing of them, falls. Private trade, if left to itself, would do nothing. It results from this that, if the arts and industries of India are to be worthily represented at a foreign Exhibition, the Government of India is put to much greater expense and trouble than the case often justifies.

3. The inertness of Indian trade, the desirability of finding new outlets for it, and the inordinate expense involved in exhibiting its capacities to foreign nations suggested the line of action adopted at the Melbourne Exhibition. It is unnecessary to recapitulate Mr. Inglis' account of the measures taken in Calcutta and Melbourne by the representatives of the Indian Government to draw the two countries together, and excite a mutual interest in their respective capabilities. The establishment of the Tea Syndicate through the agency of the Calcutta Chamber of Commerce was one of the happiest incidents, and the trade organisation thus formed is not unlikely to have a very important effect on the future development of Indo-Australian commerce. A large market for Indian teas has been opened in Australia, and this will lead to the closer commercial relations and improved communications which the report shows to be required.

4. The net expenditure by the Government of India amounted to nearly Rs. 37,000, exclusive of the Rs. 10,000 placed at the disposal of the Tea Syndicate. To the Government exhibits were added the articles contributed by private Indian firms, and a collection of Indian jewelry sent for sale under a Government guarantee. The aggregate value, however, was insignificant in the comparison with the wealth displayed by other countries. The articles exhibited by English firms were valued at three-quarters of a million sterling, while Germany sent upwards of £60,000 worth of jewelry alone. The sales of Indian articles appear from the report to have been small. The probable explanation is to be found in the comparatively high prices asked for Indian art-ware, and in the obvious defects of Indian manufactures. The universal complaint of "want of finish" is noteworthy. It applies equally to the texture of tasar cloths, to the packing and preparation of Indian teas, and to the "drums" in which Indian oils find their way to the Australian market. These defects it is beyond the power of Government to remove, and they constitute a real obstacle to the export of Indian manufacture and raw products even under the most favourable conditions.

5. The prospects of a reciprocal trade between India and Australia are fully summarised in the report. In addition to the tea, jute and rice trades, there appears to be a growing demand in Australia for Indian coffee, spices, oils, and cotton goods. Australia on her side can offer copper, horses, hops, wool, fruit, dairy produce and flour, and possibly ghí. The elements of a very extensive trade can hardly be said even to exist at present, but the increased activity it has shown since the Melbourne Exhibition justifies the action taken by the Indian Government, and encourages the hope that with increased mutual knowledge and more direct steam communication the commercial intercourse between the two countries will improve.

6. The remarks prefixed by Mr. Buck to Mr. Inglis' report are mainly confined to practical suggestions for the management of future Exhibitions, so far as India is concerned. The Government of India concurs in the general tendency of these suggestions, and will see that the experience acquired at Melbourne is not lost. The Government of India also desires to express its fullest acquiescence in the principle stated in paragraph 15 of Mr. Buck's memorandum. The peculiar difficulties which the Government of a backward country like India have to encounter in taking part in a foreign Exhibition, and the disproportionate expenditure involved, have already been mentioned. It is incumbent on the Government of India, should it decide on appearing at any other Exhibitions, to turn the opportunity to practical ends similar to those aimed at at the Melbourne Exhibition.

The thanks of the Government of India are due to Mr. J. Inglis, the Indian Commissioner at Melbourne, for his interesting and valuable report, and for the energy with which he has performed his arduous and important duties; also to Mr. E. C. Buck and to Mr. J. E. O'Conor, the officers who were selected to represent this Government in Australia—the former of whom, with praiseworthy zeal, devoted a great portion of his furlough to furthering the interests of the Indian Section of the Exhibition. The Government of India also desires to commend the services of Messrs. H. H. Locke, J. L. Kipling, C. Browning, the officers who superintended the collection of exhibits in the several Provinces. The kind assistance given by Sir Herbert Sandford, the representative of Great Britain, to the representatives of this country will be acknowledged through the Secretary of State.

ORDER.—Ordered, that a copy of this Resolution be printed and distributed with the Report on the Melbourne Exhibition, and published in the *Gazette of India* for general information.

T. W. HOLDERNESS,

Offg. Under Secretary to the Government of India.

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☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

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Nothing for publication.

SUPPLEMENT No. 33.

PART I.

Government of India Notifications, Appointments, Promotions, &c.

LEGISLATIVE DEPARTMENT.

NOTIFICATION.

Simla, the 18th August, 1882.

No. 9.—CORRIGENDA.—In Act XIV of 1882 (*Code of Civil Procedure*),—

in section 295, clause (*b*), line 1, *omit* the word "is";

in section 588, clause (9), line 2, *for* "or" *read* "for."

D. FITZPATRICK,
Secy. to the Govt. of India.

HOME DEPARTMENT.

NOTIFICATIONS.—ESTABLISHMENTS.

Simla, the 15th August 1882.

No. 311.—The services of Mr. A. H. T. Martindale, M.C.S., Officiating Under Secretary to the Government of India in the Home Department, are replaced at the disposal of the Foreign Department, with effect from the forenoon of the 5th instant.

The 18th August 1882.

No. 315.—The services of Mr. S. O. B. Ridsdale, B.A., C.S., Secretary to the Chief Commissioner of Assam, are replaced at the disposal of the Government of the North-Western Provinces and Oudh, with effect from the date on which he may return from furlough.

MEDICAL.

The 15th August 1882.

No. 352.—*Appointment.*—Surgeon-Major R. Power, 11th Bengal Lancers, to be in joint medical charge of Simla, *vice* Surgeon C. W. Owen, C.I.E.

A. MACKENZIE,
Secy. to the Govt. of India.

REVENUE AND AGRICULTURAL DEPARTMENT.

NOTIFICATIONS.—SURVEYS.

Simla, the 17th August 1882.

No. 318*S*.—Dr. O. Feistmantel Palæontologist, Geological Survey of India, is granted privilege leave for forty days, under Section 71, Chapter V, of the Civil Leave Code, with effect from the 24th instant or from the subsequent date he may avail himself of it.

GENERAL.

The 11th August 1882.

No. 550*G*.—Mr. T. W. Holderness, C.S., Officiating Under Secretary to the Government of

India in the Revenue and Agricultural Department, is granted three months' privilege leave, of which he availed himself on the afternoon of the 11th of August 1882.

No. 551 *G.*—Mr. F. L. Petre, C.S., is appointed to officiate as Under Secretary to the Government of India in the Revenue and Agricultural Department during the absence of Mr. T. W. Holderness, on three months' privilege leave.

No. 552 *G.*—Mr. T. W. Holderness and Mr. F. L. Petre respectively made over and received charge of the office of Under Secretary to the Government of India in the Revenue and Agricultural Department on the afternoon of the 11th instant.

E. C. BUCK,
Secy. to the Govt. of India.

FOREIGN DEPARTMENT.

NOTIFICATIONS.—GENERAL.

Simla, the 12th August 1882.

No. 402 *G.*—Rai Bishen Sarup, Deputy Magistrate of Kekree, officiated as a Political Assistant, 3rd Class, and as Assistant Commissioner, Mhairwarra, from the 25th May 1882 to the 6th July 1882, both days inclusive.

No. 404 *G.*—*Erratum.*—In Foreign Department Notification No. 224 G. of the 28th July 1882, regarding Mr. W. R. Lawrence, C.S., *for* "officiated as a Political Assistant, 2nd Class," *read* "officiated as a Political Agent, 3rd Class."

The 15th August 1882.

No. 413 *G.*—Surgeon H. T. Griffiths, Indian Medical Service (Bengal), is appointed temporarily to officiate as Medical Officer, Deoli Irregular Force, and to hold medical charge of the Haraoti and Tonk Political Agency, with effect from the 4th July 1882, *vice* Surgeon-Major F. W. A. DeFabeck, officiating as Sanitary Commissioner, Bengal, and until further orders.

No. 415 *G.*—Surgeon D. Elcum, Indian Medical Service (Madras), Inspector of Dispensaries in His Highness the Nizam's Dominions, is appointed to officiate temporarily as Residency Surgeon at Hyderabad, in addition to his other duties, during the absence on privilege leave of Surgeon-Major T. Beaumont, M.D.

No. 419 *G.*—Surgeon A. Milne, M.B., Indian Medical Service (Bombay), is appointed to officiate as Medical Officer, 2nd Regiment, Central India Horse, and to hold medical charge of the Political Agency, Western Malwa, with effect from the 7th May 1882, during the absence of Surgeon-Major R. Caldecott, Officiating Residency Surgeon at Indore.

POLITICAL.

The 16th August 1882.

No. 443 *G.*—His Excellency the Viceroy and Governor General is pleased to confer upon Lala Murli Manohur, late "gomashta" of the Commissariat Station at Lucknow, the title of "Rai Bahadur," as a personal distinction.

The 17th August 1882.

No. 446 *G.*—With reference to Notification No. 155 G.P., dated the 19th May 1882, the recognition by the Government of India of the appointment of Mr. J. Frame as Acting Consul for Austria and Hungary at Rangoon, during the absence of Mr. J. Hintze, has been confirmed by Her Majesty's Government.

MILITARY.

The 15th August 1882.

No. 417 *G.*—The following Regimental Order, dated the 18th July 1882, by the Commandant Mhairwarra Battalion is confirmed :—

With reference to *Gazette of India*, Foreign Department, Notification No. 99 G., dated 15th July 1882, appointing Major P. W. Smith to officiate as 2nd-in-Command, Erinpura Irregular Force, Lieutenant G. H. J. Moore will officiate as 2nd-in-Command in addition to his other duties, *vice* Major P. W. Smith, or until further orders.

C. GRANT,
Secy. to the Govt. of India.

DEPARTMENT OF FINANCE AND COMMERCE.

NOTIFICATIONS.

Simla, the 14th August 1882.

No. 3169.—Mr. Stephen Jacob, B.C.S., is appointed to officiate as Accountant General, Bengal, until further orders.

Mr. R. Logan, B.C.S., is appointed to officiate as Under Secretary to the Government of India in the Department of Finance and Commerce, until further orders.

Mr. Jacob made over, and Mr. Logan received, charge of the appointment of Under Secretary to the Government of India, Department of Finance and Commerce, after noon on the 14th August 1882.

The 15th August 1882.

No. 3159.

ORDER—By the Government of India, Department of Finance and Commerce.

ORDERED, that the following Despatch, together with the one to which it is a reply, be published in the *Gazette of India* for general information :—

FINANCIAL, INDIA OFFICE,
No. 210. *London, 6th July 1882.*

To His Excellency the Most Hon'ble the Governor General of India in Council.

MY LORD MARQUIS,—

PARA. 1. I have considered in Council your letter, dated the 8th of May, No. 123, referring, for my consideration, an application from A. B., praying that he may be allowed to commute a portion of the pension to which he will be entitled on retirement from the Covenanted Civil Service.

2. With reference to the observation of the Government of the North-Western Provinces and

Oudh, that the concession asked for by A. B. would, if conceded generally, be a decided boon to the Service at large, without being in any way prejudicial to the interests of the State, you express considerable doubt whether the main object of the Indian pension system might not be defeated by the grant of such a concession generally. At the same time you believe that such a measure, if restricted to individual officers, would tend to remove a special block in promotion in certain places.

3. You therefore request that, in cases in which you may consider that the retirement of officers of the Covenanted Civil Service would have the effect of removing a block in promotion, you may be permitted to allow such officers to commute the whole, or any part, of the £400 of their annuities in excess of the £600 which was supposed to represent the pension formerly given from the Annuity Funds. You propose to require the usual medical certificate in every case, and to calculate the capital value of the sum commuted by Table C on page 130 of the Codes of the Financial Department.

4. It has not hitherto been the practice to give to civil annuitants the option of commuting any portion of their annuities, partly on the ground that they were able by assigning them to practically effect commutation without the intervention of Government. The terms so obtained are necessarily less favourable than those allowed by this office, and, for this reason, the commutation of a portion of an annuity was recently allowed in one case. I do not, however, desire that this practice should become general.

5. But I see no objection to your proposal, which is accordingly approved, subject to the condition that, in every case, the capitalised sum will be paid in India, the annuity being taken at the rate fixed for its payment in that country.

6. It will rest with your Government to decide whether A. B.'s case is one of those in which the privilege of commutation should be conceded.

I have, &c.,
(Sd.) HARTINGTON.

No. 123. *Simla, 8th May 1882.*

To Her Majesty's Secretary of State for India.

MY LORD MARQUIS,—

We have the honour to refer, for Your Lordship's consideration, an application from A. B., praying that he may be allowed to commute a portion of the pension to which he will be entitled on retirement from the Covenanted Civil Service.

2. In submitting A. B.'s application, the Government of the North-Western Provinces and Oudh remarks that the concession asked for would, if granted generally, be a decided boon to the service at large without being in any way prejudicial to the interests of the State. We beg to observe, however, that we have considerable doubts as to the wisdom of allowing commutatron of pensions generally. The main object of the Indian pension system might thereby be defeated. But at the same time we believe that such a measure, if restricted to individual officers, would tend to remove a special block in promotion in certain places. Commutation of pension within certain limits was a part of the remedy applied under the recent arrangements in removing the block in promotion in the North-Western Provinces and elsewhere.

3. Accordingly, we ask Your Lordship's permission to allow officers of the Covenanted Civil Service to commute a portion of their pension in cases in which we may consider that the retirement of the officers will have the effect of removing a block in promotion. The portion of the pension which we would allow to be commuted would be the whole or any part of the £400 in excess of the £600 which was supposed to represent the pension formerly given from the Annuity Funds. A certificate as to the normal prospects of life will be required in every case, and the value of the annuity would be calculated by Table C on page 130 of the Codes of the Financial Department.

The 18th August 1882.

No. 3219.—The following addendum to the Codes of the Financial Department is published for general information:—

C. P. C.

PAGE 54.

Section 106, Rule 6.

Add the following to the Rule after the words "Secretary of State":—

"In the Public Works Department the retention of office may, under the special orders of the Government of India in that Department issued at the time of appointment to the office, be for a less period than five years."

No. 3267.—Mr. J. Mackey, having returned from privilege leave, resumed charge of his duties as Comptroller, Hyderabad, after noon on the 2nd August 1882.

No. 3279.—*Abstract of the Accounts of the Department of Issue of Paper Currency on the 31st July 1882, published as required by Section 23 of the Indian Paper Currency Act, 1871.*

CIRCLES OF ISSUE.	Whole amount of Notes in circulation	RESERVE IN SILVER COIN AND BULLION.		
		Coin.	Bullion.	Total
	Rs.	Rs.	Rs.	Rs.
Calcutta ..	6,01,21,495	1,65,97,717	30,27,642	1,96,25,359
Madras	1,43,61,325	69,25,545	10,40,000	79,65,545
Bombay ...	4,75,13,285	3,77,21,897	4,74,558	3,81,96,455
Allahabad ..	93,22,320	1,04,75,155	...	1,04,75,155
Lahore	74,59,430	1,20,44,920	..	1,20,44,920
Calicut ...	21,95,520	21,28,385	...	21,28,385
Kurrachee ..	29,14,675	24,13,505	38,760	24,52,265
TOTAL ...	15,28,88,050	8,83,07,124	45,80,960	9,28,88,084
Invested in Government Securities under Section 17 of the Act				5,99,99,966
GRAND TOTAL ...				15,28,88,050

D. M. BARBOUR,
Secy. to the Govt. of India.

MILITARY DEPARTMENT.

Simla, the 18th August, 1882.

APPOINTMENTS.

No. 443.—COMMISSARIAT DEPARTMENT—

Lieutenant C. C. St. E. Lucas, Bengal S. C., Wing Officer, 38th Native Infantry, to be a Sub-Assistant Commissary General, 3rd class, on probation, with effect from the 21st July, 1882.

No. 444.—MILITARY WORKS DEPARTMENT—

The services of Major A. Featherstonhaugh, R.E., Assistant Adjutant General, on special duty, have been transferred from the Adjutant General's Department to the Military Works Department, and the appointment held by that officer will henceforward be styled that of Inspector of Sub-Marine Defences.

FIELD OPERATIONS.

No. 445.—EGYPT—

In continuation of G. G. O. No. 421 of 1882, it is notified that the following additional troops have been detailed for service with the Indian Division, Egypt Expeditionary Force, also the additional staff specified, the appointments of the officers having effect from the dates on which they may assume charge of their duties:—

Artillery.

H Battery, 1st Brigade, Royal Artillery.

Infantry.

1st Battalion, Manchester Regiment.

STAFF.

Captain H. Melliss, Bombay Staff Corps, Deputy Assistant Quartermaster General, to be Assistant Quartermaster General, *vice* Major M. J. King-Harman, sick.

Major A. C. Toker, Bengal Staff Corps, Deputy Assistant Adjutant General.

Lieutenant E. G. Barrow, Bengal Staff Corps, Deputy Assistant Quartermaster General.

Major M. Clementi, Bengal Staff Corps, Deputy Judge Advocate.

Commissariat Department.

Major A. Clark-Kennedy, Madras Staff Corps, Sub-Assistant Commissary General.

Artillery.

Lieutenant-Colonel T. Van Straubenzee, Royal Artillery, Commanding.

FURLOUGH AND LEAVE.

No. 446.—The undermentioned officers are granted furlough out of India, with the necessary subsidiary leave:—

Major T. B. Humfrey (The King's Liverpool Regiment), Brigade Major on the establishment, (m. c.) for 90 days, under G. G. O. No. 813 of 1876.

Captain C. A. R. Sage, Bengal S. C., Wing Officer, 18th Native Infantry, (p. a.) for one year, under rule IX of the regulations of 1868.

Surgeon-Major J. F. P. McConnell, M.B., Professor of Pathology, Medical College, and Resident Physician, College Hospital, Calcutta, (p. a.) for 222 days, under rule IX of the Regulations of 1868.

No. 447.—Lieutenant G. B. Crawley, Bengal S. C., Wing Officer, 13th Native Infantry, is granted furlough without pay to the 7th July 1882, in extension of that allowed in G. G. O. No. 220 of 1882.

No. 448.—The undermentioned officers have been granted extensions of furlough by the Right Hon'ble the Secretary of State for India:—

Major A. J. D. Hawes, Bengal S. C., (p. a.) for two months.

Surgeon-Major A. G. Grant, M.B., (m. c.) for three months.

Surgeon-Major W. Finden, (m. c.) for three months.

Surgeon W. A. D. Fasken, M.D., (p. a.) for 61 days.

LONDON GAZETTE.

No. 449.—The following extracts are published for general information:—

"London Gazette," dated the 4th July, 1882, page 3100.

"WAR OFFICE;

Pall Mall, 4th July, 1882.

MEMORANDA.

Conductor J. Wright, Barrack-Master, Bombay Establishment, to have the honorary rank of Lieutenant. Dated 5th July, 1882.

The undermentioned officers to be Colonels:—

Lieutenant-Colonel Robert Algernon Walters, Madras Staff Corps. Dated 11th April, 1882.

Lieutenant-Colonel Charles James Hughes, Bengal Staff Corps. Dated 15th May, 1882."

"London Gazette," dated the 11th July, 1882, page 3215.

"WAR OFFICE;

Pall Mall, 11th July, 1882.

BREVET.

Memoranda.

Lieutenant-Colonel G. S. Mignon, Bombay Staff Corps, to be Colonel. Dated 1st October, 1881 (since retired).

Deputy Commissary and Honorary Lieutenant William Swinnerton, Bengal Establishment, to have the honorary rank of Captain. Dated 1st February, 1881.

INDIA OFFICE;

11th July, 1882.

HER Majesty has been pleased to approve of the transfer of the undermentioned Officers from the Half-Pay List of the Staff Corps to the Retired List, with effect from 1st July, 1882:—

BENGAL STAFF CORPS.

Major Charles Ward Hawes.
Major William George Murray.
Captain Thomas Acton.
Captain Thomas Richard Devereux Bingham.
Captain John Macnair.
Captain Christopher Garsia.
Captain John Henry Baldwin.
Lieutenant and Brevet Captain William Wilmer.
Lieutenant Edward Chetwode Hamilton."

PROMOTIONS.

No. 450.—ORDNANCE DEPARTMENT—

Honorary Lieutenant Edwin W. Allum, Assistant (Officiating Deputy) Commissary, to be Deputy Commissary, *vice* Honorary Captain and Deputy Commissary J. Miller, V.C., retired.

Honorary Lieutenant Godfrey Leonard, Assistant Commissary, to be Deputy Commissary, *vice* Honorary Captain and Deputy Commissary G. B. Bleazby, retired.

Honorary Lieutenant Thomas Foxton, Deputy Assistant (Officiating Assistant) Commissary, to be Assistant Commissary, *vice* E. W. Allum, promoted.

Honorary Lieutenant James Neal, Deputy Assistant Commissary (supernumerary), to be Assistant Commissary (supernumerary).

Honorary Lieutenant Daniel Buckley, Deputy Assistant Commissary (supernumerary), to be Assistant Commissary (supernumerary).

Honorary Lieutenant and Deputy Assistant Commissary Robert John Baldwin, to be Assistant Commissary, *vice* G. Leonard, promoted.

Conductor Andrew S. Sinclair, Overseer, Small Arm Ammunition Factory, to be Deputy Assistant Commissary, vice T. Foxton, promoted.

Conductor William Jack, Overseer, Foundry and Shell Factory, to be Deputy Assistant Commissary.

Conductor James Loughlin (Officiating Deputy Assistant Commissary), to be Deputy Assistant Commissary, *vice* R. J. Baldwin, promoted.

Sub-Conductor Daniel McNeill, Overseer, Gun Carriage Factory, to be Conductor.

Sub-Conductor George Schwanke, Assistant Overseer, Gun Carriage Factory, to be Conductor.

Sub-Conductor John W. Hardy, Assistant Overseer, Gun Carriage Factory, to be Conductor.

Sub-Conductor Charles E. McCann, Assistant Overseer, Gun Carriage Factory, to be Conductor.

Sub-Conductor (Temporary Conductor) John Leahy, to be Conductor, *vice* J. Loughlin, promoted.

Store Sergeant (Temporary Sub-Conductor) John Cooke, to be Sub-Conductor, on probation, *vice* J. Leahy, promoted.

The above promotions will have effect from the 11th August, 1882.

No. 451.—NATIVE ARMY—

In G. G. O. No. 353 of 1882, promoting Jemadar Buldeo Singh and Kote-Duffadar Wazeer Ali Khan, of the late 17th Bengal Cavalry, for "1st May 1880" read *1st May 1882.*

5th Native Infantry.

Jemadar Nawul Singh, to be Subadar, *vice* Seetaram Singh, invalided; Jemadar Salamut Allee Khan, to be Subadar, *vice* Kurramut Khan, invalided,—1st May, 1882.

Havildar Nuntram, to be Jemadar, *vice* Madhoo, invalided,—1st June, 1882.

Havildar Seetaram Sookul, to be Jemadar, *vice* Nawul Singh, promoted,—1st May, 1882.

19th Native Infantry.

Jemadar Sonoo to be Subadar, *vice* Kaphoorah, invalided; Havildar Nehalla, to be Jemadar, *vice* Sonoo, promoted,—1st May, 1882.

38th Native Infantry.

Subadar Rambhunjun Singh to be Subadar-Major, *vice* Doorjun Singh, invalided; Jemadar Juskurrun Singh, to be Subadar, *vice* Doorjun Singh, invalided; Jemadar Bahadur Singh, to be Subadar, *vice* Teekaram, invalided; Havildar Luchmun Singh, to be Jemadar, *vice* Juskurrun Singh, promoted; Havildar Poorun Singh, to be Jemadar, *vice* Bahadur Singh, promoted,—1st May, 1882.

40th Native Infantry.

Jemadar Ram Sing, to be Subadar, *vice* Doorga Sing, invalided; Havildar Narain Sing, to be Jemadar, *vice* Ram Sing, promoted,—1st May, 1882.

45th Native Infantry.

Jemadar Goorditt Singh, to be Subadar, *vice* Ameer Singh, "Bahadur," deceased; Pay-Havildar Shumeer Singh, to be Jemadar, *vice* Goorditt Singh, promoted,—23rd April, 1882.

No. 452.—PUNJAB FRONTIER FORCE—

Late 3rd Punjab Infantry.

Jemadar Nur Gool, to be Subadar, *vice* Tegha, invalided; Havildar Ram Sing, to be Jemadar, *vice* Nur Gool, promoted,—12th June, 1882.

PENSIONS.

No. 453.—Conductor H. Forde, Hyderabad Contingent, is transferred to the Pension establishment.

RETIREMENTS.

No. 454.—Major C. O. W. Apperley, General List, Infantry, has been transferred to the Half-pay List, with effect from the 30th May, 1882, subject to Her Majesty's approval.

G. CHESNEY, *Colonel,*
Secretary to the Government of India.

MILITARY (MARINE) DEPARTMENT.

Simla, the 18th August, 1882.

No. 28.—The services of Mr. W. W. G. Kirkpatrick, Assistant Engineer, 2nd Class, who has absented himself without leave, are dispensed with.

G. CHESNEY, *Colonel,*
Secretary to the Government of India.

PUBLIC WORKS DEPARTMENT.

NOTIFICATIONS.

Simla, the 16th August 1882.

No. 189.—*Erratum.*—In Public Works Department Notification No. 113, dated 26th April 1882,

appointing certain passed students of the Thomason Civil Engineering College to the Public Works Department, for *Mr. S. Atkin* read *Mr. S. Athim.*

The 18th August 1882.

No. 191.—With reference to Public Works Department Notification No. 383, dated the 6th December 1881, Major G. R. Gibbs, s.c., Executive Engineer, 1st Grade, continued to officiate as Assistant Secretary to the Government of India, Public Works Department, Civil Works Branch, from the forenoon of the 9th February 1882 to the forenoon of the 9th May 1882, from which date his services were replaced at the disposal of the Agent to the Governor General for Central India.

TELEGRAPH.

The 17th August 1882.

No. 190.—The Governor General in Council is pleased to order that the following additions and modifications be made to Rules Nos. 37, 41, and 42 of the Rules and Rates for Inland Telegrams:—

Add as footnote to Rule 37—

"The sender of a State message addressed to a Government official may not prepay a reply; and in the case of a State message addressed to other than a Government official, any sum deposited by the sender under this rule must be intended for no other purpose than to cover the *cost* of a return telegram."

For the present Rules 41 and 42 substitute the following:—

"*Rule 41.*—No refund will, under any circumstances, be made for a State message of any class, or for a 'local' or 'deferred' private message; and no refund will be made for an 'ordinary' or 'urgent' private message and delivered wholly or partially in an unintelligible state, unless the extra charge for repetition has been paid by the sender."

"*Rule 42.*—If an 'ordinary' or 'urgent' private message be not delivered, or be subjected to serious delay through the fault of the Telegraph Department, the whole charge made for it will be returned to the sender."

W. S. TREVOR, *Colonel, R.E.,*
Secy. to the Govt. of India.

The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, AUGUST 19, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller General, &c.

GAZETTE OF INDIA.

NOTICE.

The 11th March 1882.

From the 8th April next, till further notice, Parts I, IV, and V of the *Gazette of India*, and the Weather and Crop Report, will be published at Simla. After the 1st April, all Notifications and other matter intended for publication in those Parts, should be addressed to the Officiating Publisher at that station.

Parts II and III and the Supplement will continue to be published in Calcutta.

Parts IV and V of the *Gazette of India*, containing the Acts and Bills of the Legislative Council, may be subscribed for separately from the other Parts of the Gazette. The annual subscription for the two Parts is Rs. 5 per annum, payable in advance. When sent by post, Rs. 2-8 per annum additional will be charged for postage. For the current year these Parts are available from 1st May only, the back numbers being out of print.

Complaints regarding non-receipt of any number of the *Gazette* should be forwarded within a week after the day on which it is due.

Applications for the supply of the *Gazette* on the *public service* should be addressed to the Home Department.

By an order of Government, all subscriptions must be paid *in advance*.

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E. J. DEAN,

Publisher, Gazette of India.

BANK OF BENGAL.

Proceedings at the Annual General Meeting of the Proprietors and Shareholders of the Bank of Bengal, held on Monday, the 14th August 1882, in terms of Section 49 of the Presidency Banks' Act, 1876.

MR. J. J. J. KESWICK, President of the Board of Directors, in the Chair.

The Secretary having read the advertisement convening the Meeting, the Chairman submitted the papers noted below,* relative to the business for the year ended 30th June last.

On the motion of the Chairman, seconded by Mr. W. Alexander, the accounts for the year were passed and approved.

On the motion of Mr. J. J. J. Keswick, seconded by Mr. R. Miller, Mr. W. Alexander and Mr. J. J. Guise were re-elected Directors.

On the motion of Mr. J. J. J. Keswick, seconded by Mr. W. Alexander, Mr. H. W. I. Wood and Mr. A. S. Lovelock, of Messrs. Browne and Lovelock, Chartered Accountants, were elected Auditors for the ensuing year, and their remuneration fixed at Rs. 2,500 for each audit, or Rs. 1,250 to each Auditor.

J. J. J. KESWICK,

Chairman.

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* I. Copy of the Statement of the affairs of the Bank on 31st December 1881, transmitted to Government agreeably to Section 43, Act XI of 1876.

II. Directors' Report for the half-year ended 31st December 1881, and the Report of the Auditors.

III. Copy of the Statement of the affairs of the Bank on 30th June 1882, transmitted to Government agreeably to Section 43, Act XI of 1876.

IV. Directors' Report for the half-year ended 30th June 1882, and the Report of the Auditors.

V. Statement of the Profits for six months, *viz.*, from 1st July to 31st December 1881.

VI. Statement of the Profits for six months, *viz.*, from 1st January to 30th June 1882.

VII. Statement of the whole Profits for twelve months, *viz.*, from 1st July 1881 to 30th June 1882.

VIII. List of Proprietors and Shareholders.

SURVEY OF INDIA.

NOTIFICATIONS.

Simla, the 9th August 1882.

No. 291.—Mr. J. T. U. Coxen, Assistant Surveyor, 1st Grade, is granted privilege leave for one month and nine days, under Section 136, Chapter X, of the Civil Leave Code, with effect from such date as his services can be spared.

Mussoorie, the 15th August 1882.

No. 292.—Mr. F. Kitchen, Assistant Surveyor, 1st Grade, is granted privilege leave for one month, under Section 136, Chapter X, of the Civil Leave Code, with effect from such date as his services can be spared.

J. T. WALKER, *Lieut.-Genl., R.E.,*
Surveyor General of India.

SURGEON-GENERAL WITH THE GOVERNMENT OF INDIA.

NOTIFICATION.

Simla, the 27th July 1882.

No. 39.—Third Grade Assistant Surgeon Pratab Chunder Ker, having returned, on the 2nd instant, from the leave granted to him in Notification No. 2, dated 11th January 1882, the unexpired portion of his leave is hereby cancelled.

J. M. CUNINGHAM, M.D.,
Surgeon-General with the Government of India.

AGENT, GOVERNOR GENERAL, FOR RAJPUTANA.

NOTIFICATIONS.

Mount Abu, the 10th August 1882.

No. 2383 *G.*—Major J. H. L. Greenfield, 2nd-in-Command, Deolee Irregular Force, availed himself on the 3rd August 1882 of the ninety days' privilege leave granted him in this Office Notification No. 1883 G., dated 10th July 1882.

No. 2385 *G.*—With reference to Foreign Department Notification No. 99 G., dated 14th July 1882, Major A. R. T. McRae assumed charge of his duties as Officiating 2nd-in-Command, Meywar Bhil Corps, on the forenoon of the 30th July 1882.

The 11th August 1882.

No. 2397 *G.*—Major P. W. Smith assumed charge of the duties of 2nd-in-Command and Squadron Commander of the Erinpoora Irregular Force from Lieutenant and Adjutant R. A. Cole on the afternoon of the 6th August 1882.

By Order,

E. A. FRASER,
1st Asst. Agent to the Govr. Genl.

AGENT, GOVERNOR GENERAL, AND CHIEF COMMISSIONER, IN THE PUBLIC WORKS DEPARTMENT, RAJPUTANA.

NOTIFICATIONS.

Mount Abu, the 9th August 1882.

No. 2024 *S.*—Mr. F. St. G. Manners Smith, Assistant Engineer, 2nd Grade, passed the professional examination prescribed in Public Works Department Code, Chapter II, paragraphs 16 to 18, on the 28th February 1882.

No. 2025 *S.*—Mr. H. J. A. Bowden, Assistant Engineer, 2nd Grade, in this Province, passed the professional examination prescribed in Public Works Department Code, Chapter II, paragraphs 16 to 18, on the 28th February 1882.

No. 2026 *S.*—Mr. H. J. A. Bowden, Assistant Engineer, 2nd Grade, in this Province, passed the Lower Standard Examination in Hindustani on the 3rd July 1882.

By Order,

J. P. STEEL, *Lieut.-Col., R.E.,*
Secy. to Agent, Govr. Genl., & Chief Commr., in the P. W. D., Rajputana.

CHIEF COMMISSIONER OF AJMIR-MERWARA.

NOTIFICATIONS.

Mount Abu, the 9th August 1882.

No. 591.—Under Section 39, Ajmir Courts' Regulation, Mr. W. R. Lawrence, Officiating Assistant Commissioner, Ajmir, is appointed to be Magistrate of the District of Ajmir and Merwara.

No. 592.—Rae Bishen Sarup, Officiating Assistant Commissioner, Merwara, is invested with the powers of a Magistrate of the 2nd Class, as defined in Section 20 of the Criminal Procedure Code, and with the civil powers of a Subordinate Judge of the 2nd Class to hear civil cases not exceeding Rs. 500 in value.

No. 593.—Munshi Chuttun Lal, Superintendent of Irrigation, Ajmir-Merwara, is appointed to officiate as Deputy Magistrate, Kekree, in addition to his own duties, while Rae Bishen Sarup officiates as Assistant Commissioner, Merwara, and is invested, for the time being, with the powers of a Magistrate of the 2nd Class, as described in Section 20 of the Criminal Procedure Code, and with civil powers to try suits when the amount or value of the subject-matter does not exceed Rs. 100.

By Order,

A. P. THORNTON,
for 1st Asst. to the Chief Commr.

CHIEF COMMISSIONER OF COORG.

NOTIFICATIONS.

Bangalore, the 7th August 1882.

No. 17.—The Chief Commissioner of Coorg, in exercise of the powers conferred by Sections 82

and 83 of "The Indian Christian Marriage Act No. XV of 1872," hereby fixes the following scale of fees to be charged under the aforesaid Act, and makes the following rules in regard to the disposal of such fees, the supply of register books, and the preparation and submission of returns of marriages solemnized under the aforesaid Act, and the form of the register book of marriages certified under Part VI of the same Act:—

Scale of Fees.

	Rs.	A.	P.
1. For receiving each notice of marriage	1	0	0
2. For publishing each notice of marriage	2	0	0
3. For the issuing of each certificate of marriage by a Marriage Registrar	3	0	0
4. For registering each marriage by a Marriage Registrar ...	2	0	0
5. For entering each protest against or prohibition of the issue of a marriage certificate by a Marriage Registrar ...	10	0	0
6. For searching marriage register books or certificates or duplicates or copies thereof for a period of not more than one year; or in the case of a search of the register books or certificates prescribed under Sections 37, 61 and 62, for a period not exceeding two years	1	0	0
7. For every additional year ...	0	4	0
8. For granting a copy of any entry in marriage register books or certificates or duplicates or copies thereof under Sections 63 and 79 ...	1	0	0

II.—Rules.

1. Fees levied by the Marriage Registrar must, until further notice, be paid into the Government Treasury, and shall be credited to Provincial Services, or in such other manner as may be directed by the Chief Commissioner of Coorg.
2. The Marriage Registrar is authorized to remit any portion, not exceeding three-fourths, of the fees in cases where he considers the parties unable to pay such fees in full.
3. The register book, prescribed in Section 62, shall be kept in the form given in the fourth schedule of the Indian Christian Marriage Act, 1872.
4. The headings of the register book prescribed by Section 62 should be in Canarese, the language of the district, with an English translation, but so much of it as has to be filled in by the hand of the person performing the ceremony must be in his own vernacular language. True extracts from this register book shall be deposited in the Office of the Chief Commissioner of Coorg.
5. Applications for supply of register books and of forms of certificate should be forwarded for the sanction of the Chief Commissioner of Coorg.

The 11th August 1882.

No. 18.—Under the provisions of Section 8, Act XXVI of 1870 (The Prisons Act), Surgeon-Major John North is appointed to be Superintendent of the Mercara Jail, *vice* Surgeon James Scot Dill, deceased, and assumed charge on the forenoon of the 2nd instant.

Surgeon-Major North also assumed charge of the Civil Dispensary and Civil Station of Mercara on the forenoon of the same date.

By Order,

H. WYLIE, *Major,*

Secretary to the Chief Commr. of Coorg.

MILITARY DEPARTMENT—
Military Works.

NOTIFICATIONS.

Simla, the 9th August 1882.

No. 38.—Lieutenant H. Appleton, R.E., Assistant Engineer, 2nd Grade, was transferred, in January 1882, from the Rawalpindi Command, Military Works, to the Beluchistan Agency, which he joined on the forenoon of the 21st idem.

The 11th August 1882.

No. 39.—The undermentioned Officers of the Military Works Department holding the rank of Assistant Engineer, 2nd Grade, have passed the examination for promotion to Assistant Engineer, 1st Grade, as prescribed in Public Works Department Code, Chapter II, paragraph 17:—

Peel, Lieutenant F., R.E.
Appleton, Lieutenant H., R.E.
Gale, Lieutenant W. A., R.E.
Tanner, Lieutenant J. A., R.E.
Stanton, Lieutenant E. C., R.E.
Gordon, Lieutenant G. H. B., R.E.

J. J. McLEOD INNES, *Colonel, R.E.,*

Inspr. Genl. of Military Works.

TREASURE TROVE.

It is hereby notified, under Section 5 of the Indian Treasure Trove Act (VI of 1878), that on the 14th May last, treasure, consisting of 36 gold beads valued at Rs. 17, were found hidden in the bed of Marudur Nattuvoikal in the limits of Kulittalai village, Kulittalai Taluq, Trichinopoly District, while the channel was being cleared of its silt.

All persons claiming the said treasure, or any part thereof, are hereby required to appear personally or by agent before the Collector of Trichinopoly at his Office, on Monday, the 4th December 1882, in order to the matter being enquired into and determined in accordance with the provisions of the Act.

HENRY SEWELL,

Collector.

TREASURE TROVE.

It is hereby notified, under Section 5 of the Indian Treasure Trove Act (VI of 1878), that, on the 4th day of June 1882, 24 "Dasarikattu" rupees (old coins) were found buried in the high land east of the village Ravipalli, in the Palkonda Taluq, Vizagapatam District, in the Presidency of Fort St. George.

All persons claiming the treasure, or any part thereof, are required to appear and substantiate their claim either personally or by an agent, before the Collector of Vizagapatam, on or before the 15th December 1882.

———,
Acting Collector.

VIZAGAPATAM COLLECTOR'S OFFICE,
The 31st July 1882.

Weekly Statement of Silver tendered, of Certificates issued, and Silver Balance in the Mint.

DATE	SILVER TENDERED, ESTIMATED VALUE.	CERTIFICATES ISSUED ON		BALANCE OF BULLION		
		General Treasury.	Currency Department.	Under Assay.	Assayed.	Held on account of the Currency Department.
1882.	Rs.	Rs	Rs.	Rs.	Rs.	Rs
Aug. 7	...	1,03,546	...	40	38,87,354	5,94,691
" 8	...	99,043	35	...	38,03,098	4,98,550
" 9	...	9,722	...	...	38,03,757	4,88,922
" 10	...	55,258	...	...	36,06,707	4,35,483
" 11	...	36,755	...	...	36,08,961	3,99,766
" 12	11,40,223	35,530	...	11,40,223	35,11,944	3,65,371

CALCUTTA MINT,
The 14th August 1882.

J. F. TENNANT, *Col., R.E.,*
Mint Master.

CURRENCY NOTES.

The following Currency Notes of the Government of India are stated to have been lost, and payment of their value has been claimed by the persons whose names are placed against the numbers. Any other person having these Notes in his possession, or claiming a right to them, is warned to communicate at once with the undersigned :—

Bombay Circle.

NOTES WHOLLY LOST OR DESTROYED.

Regr. No. 1882.	No. of Notes.	Value. Rs.	Name of Claimant.
W29 ...	M 66—53539 ...	100	Haji Karim Mula Karimbhai, Bombay.
W30 ...	M 25—24285 ...	100	Ram Chandra Roe, Rawalpindi.
	K 4—29922 ...	100	
	" —29923 ...	100	
	" —29924 ...	100	

BOMBAY,
The 8th August 1882.

C. E. CRAWLEY,
Assistant Accountant General,
for *Commissioner of Issue.*

Calcutta Circle.

NOTES WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Notes	Value. Rs.	Name of Claimant.
107 ...	O 97—25150 ...	100	The District Superintendent of Police, Mymensing.
109 ...	O 97—75850 ...	100	Babu Khettra Mohan Dass.
	O 88—29202 ...	100	
110 ...	L 56—96224 ...	5	Babu Hridaya Nath Sarkar.

CALCUTTA,
The 18th August 1882.

J. TAYLOR,
Asst. Comptlr. Genl., Paper Currency.

Lahore Circle.

NOTE WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Note.	Value. Rs.	Name of Claimant.
10 ...	E 15—77993 ...	50	Rugunath Dass, Jummoo.

LAHORE,
The 12th August 1882.

H. J. BRERETON,
for *Depy. Commr. of Paper Currency.*

Madras Circle.

NOTES WHOLLY LOST OR DESTROYED

Regr. No.	No. of Notes.	Value. Rs.	Name of Claimant.
16 ...	B 65—09849 ...	50	Mr. C. S. M. Abreo, Head Clerk, Head Assistant's Office, South Canara, Mangalore.
17 ...	B 65—44913 ...	50	Acting Superintendent of Family Payments and Pensions, Fort St. George.

FORT SAINT GEORGE,
The 7th August 1882.

H. S. GROVES,
Assistant Accountant General,
in charge of Paper Currency Dept.,
for *Commissioner.*

Statement of the Affairs of the Bank of Bengal for the week ending 15th August 1882.

LIABILITIES.		Rs.	A.	P.
Capital paid-up		2,00,00,000	0	0
Reserve Fund		33,11,886	4	4
Public Deposits at Head Office	Rs. 97,77,455 8 0	3,10,84,510	1	10
Public Deposits at Branches	2,13,07,054 9 10			
Other Deposits at Head Office and Branches		2,60,21,214	0	2
Bank Post Bills, &c.		5,06,455	1	4
Sundries		9,72,766	0	0
RUPEES		8,18,96,831	7	8

ASSETS.		Rs	A.	P.
Government Securities		78,25,590	10	0
Other authorized Investments		45,66,595	0	0
Loans on Government and other authorized Securities		57,17,205	4	3
Accounts of Credit on Government and other authorized Securities		32,20,203	5	3
Bills discounted and purchased		2,94,90,600	1	8
Balances with other Banks		4,02,083	13	11
Bullion		1,13,441	13	2
Dead Stock		11,90,918	15	9
Stamps		8,096	6	0
Sundries		6,09,899	13	9
		5,31,44,635	3	9
Cash and Currency Notes at Head Office	Rs. 81,15,526 11 9	2,87,52,196	3	11
Cash and Currency Notes at Branches	2,06,36,669 8 2			
RUPEES		8,18,96,831	7	8

By order of the Directors,

BANK OF BENGAL,
Calcutta, 17th August 1882.

J. GORDON,
Chief Acott. & Depy. Secretary.

W. D. CRUICKSHANK,
Offg. Secy. & Treasurer.

STATEMENT of Government Promissory Notes enfaced for payment of Interest in London, under deduction of amount re-transferred to India, and outstanding in the Books of the Bank of Bengal on the 15th August 1882.

PARTICULARS.	3½ PER CENT. TRANSFER LOAN OF 1853-54.	4 PER CENT. LOANS									4½ PER CENT. LOANS				TRANSFER LOAN OF 1879, SEVEN SHILLINGS PER CENT. PORTION.	5 PER CENT. DEBENTURE LOAN OF 1867-68.	5 PER CENT. LOAN OF 1856-57.	GRAND TOTAL.
		Of 1824-26.	Of 1832-33.	Of 1835-36.	Of 1842-43.	Of 1854-55.	Transfer of 1865.	Reduced 4 per cent. Loan of 1879.	Reduced 4 per cent. Loan of 1881.	TOTAL.	Of 1970.	Of 1978.	TRANSFER LOAN OF 1879, 4½ PER CENT. PORTION.	TOTAL.				
Balance of 31st July 1882	54,100	...	13,15,520	31,01,300	2,27,80,900	1,04,72,500	2,81,09,537	2,85,05,900	6,000	9,42,91,657	47,84,900	1,07,80,700	10,04,83,200	11,60,48,800	1,26,500	1,06,000	60,200	21,06,87,257
Stock transferred	...	...	...	...	...	...	...	...	...	.	...	...	79,000	79,000	...	...	...	79,000
Add—																		
Amount enfaced at Madras between 1st and 15th August 1882	...	...	...	...	30,000	20,500	59,500	47,000	...	1,57,000	...	...	3,000	3,000	...	...	...	1,60,000
Amount enfaced at Bombay between 1st and 15th August 1882	...	...	...	...	3,000	...	...	1,000	...	4,000	...	1,000	4,000	5,000	...	...	...	9,000
Amount enfaced at Calcutta between 1st and 15th August 1882	...	...	...	1,500	9,000	22,000	1,52,500	95,300	...	2,80,300	...	52,500	5,24,000	5,76,500	...	...	...	8,56,800
	54,100	...	13,15,520	31,02,800	2,28,22,900	1,05,15,000	2,83,21,537	2,86,49,200	6,000	9,47,12,957	47,84,900	1,08,34,200	10,10,93,200	11,67,12,300	1,26,500	1,06,000	60,200	21,17,92,057
Deduct—																		
Amount written off in the London Registers	...	...	...	...	92,500	43,200	3,03,300	8,500	...	4,47,500	26,500	67,000	...	93,500	...	3,000	...	5,44,000
Balance on 15th August 1882	54,100	...	13,15,520	31,02,800	2,27,30,400	1,04,71,800	2,80,18,237	2,86,40,700	6,000	9,42,85,457	47,58,400	1,07,67,200	10,10,93,200	11,66,18,800	1,26,500	1,03,000	60,200	21,12,48,057

NOTE.—From 9th June 1867 to 15th June 1882, enfaced from India 4,619 lakhs; re-transferred from London, 3,853 lakhs.

„	16th June 1882 to 30th June	„	„	„	9 „	„	„ 18 „
„	1st July „ to 15th July	„	„	„	6 „	„	„ 5 „
„	16th „ „ to 31st „	„	„	„	3 „	„	„ 7 „
„	1st Aug. „ to 15th Aug.	„	„	„	11 „	„	„ 5 „
					4,648 lakhs.		3,888 lakhs.
					3,888 „		
				Balance against India	760 lakhs.		

PUBLIC DEBT OFFICE,
BANK OF BENGAL;
Calcutta, the 16th August 1882.

W. D. CRUICKSHANK,
Offg. Secretary and Treasurer.

COMPTROLLER GEN

No. 1171.—*Account of Revenue and Expenditure of the Government of India for the*

N.B.—Amounts are converted into

REVENUE.	Estimates, 1882-83.	April 1881.	April 1882.	COMPARISON OF TWO YEARS. Increase.	Decrease.
	£	£	£	£	£
I.—Land Revenue	22,172,000	1,697,623	1,511,552	...	186,071
II.—Tributes	701,000	58,803	56,705	...	2,098
III.—Forest	806,900	15,234	16,101	867	...
IV.—Excise on Spirits and Drugs	3,331,000	268,816	299,037	30,221	...
V.—Assessed Taxes	538,000	24,635	40,771	16,136	...
VI.—Provincial Rates	2,649,000	203,887	193,404	...	10,483
VII.—Customs	1,181,000	222,210	138,461	...	83,749
VIII.—Salt	6,049,000	586,240	599,968	13,728	...
IX.—Opium	9,500,000	732,972	762,891	29,919	...
X.—Stamps	3,342,000	300,784	287,850	...	12,934
XI.—Registration	284,000	22,276	21,592	...	684
XII.—Mint	145,000	776	20,763	19,987	...
XIII.—Post Office	967,000	81,555	81,369	...	186
XIV.—Telegraph	493,700	23,441	31,609	8,168	...
XV.—Minor Departments	65,500	3,965	1,574	...	2,391
XVI.—Law and Justice	659,000	41,840	36,837	...	5,003
XVII.—Police	248,000	14,681	16,439	1,758	...
XVIII.—Marine	183,000	9,659	8,572	...	1,087
XIX.—Education	177,000	13,484	14,799	1,315	...
XX.—Medical Services	39,000	2,341	1,862	...	479
XXI.—Stationery and Printing	59,000	2,763	3,935	1,172	...
XXII.—Interest	647,000	53,290	140,872	87,582	...
XXIII.—Pensions	206,800	8,118	7,028	...	1,090
XXIV.—Miscellaneous	262,000	15,760	19,620	3,860	...
XXIX.—Gain by Exchange	381,000	54,483*	— 3,209	...	57,692
TOTAL	55,086,900	4,459,636	4,310,402	...	149,234
XXV.—Railways — *Guaranteed Railways.* Traffic Receipts	8,268,000	683,736	770,303	86,567	...
XXV.—Railways — *State Railways.* Gross Traffic Earnings	2,775,800	127,594	166,893	39,299	...
XXV.—Railways — Net do. East Indian	2,660,000	273,117	253,525	...	19,592
XXVI.—Irrigation and Navigation, including Net Traffic Receipts, &c., Madras Irrigation.	961,800	11,060	11,066	6	...
XXVII.—Other Public Works	469,000	28,261	27,982	...	279
XXVIII.—Army	813,500	54,821	62,852	8,031	...
TOTAL	71,035,000	5,638,225	5,603,023	...	35,202
England, including Army, Public Works, &c.	219,000	37,632	10,476	...	27,156
GRAND TOTAL	71,254,000	5,675,857	5,613,499	...	62,358

* Includes £48,103 as Gain by Exchange on

COMPTROLLER GENL.'S OFFICE,
CALCUTTA;
The 18th August 1882.

ERAL'S OFFICE.

First month of the year 1882-83, as compared with the corresponding period of 1881-82.

sterling @ Rs. 10 to the Pound Sterling.

EXPENDITURE.	Estimates, 1882-83.	April 1881.	April 1882.	COMPARISON OF TWO YEARS. Increase.	Decrease.
	£	£	£	£	£
1.—Interest on Funded and Unfunded Debt	3,609,300	369,580	407,710	38,130	...
2.—Interest on Service Funds and other Accounts	457,200	19,901	19,626	...	275
3.—Refunds and Drawbacks	511,000	26,975	26,860	...	115
4.—Land Revenue	3,167,000	231,248	227,132	...	4,116
5.—Forests	575,800	10,003	10,753	750	...
6.—Excise on Spirits and Drugs	99,000	7,541	9,845	2,304	...
7.—Assessed Taxes	15,000	617	487	...	130
8.—Provincial Rates	49,000	1,580	1,624	44	...
9.—Customs	163,000	16,629	17,784	1,155	...
10.—Salt	639,000	23,379	28,707	5,328	...
11.—Opium	2,249,900	653,922	7,34,719	80,797	...
12.—Stamps	80,000	6,542	6,525	...	17
13.—Registration	186,000	13,862	14,603	741	...
14.—Mint	104,400	5,572	6,181	609	...
15.—Post Office	1,069,400	83,267	86,297	3,030	...
16.—Telegraph	514,900	32,069	34,963	2,894	...
17.—Administration	1,286,300	99,037	107,263	8,226	...
18.—Minor Departments	420,800	37,723	34,273	...	3,450
19.—Law and Justice	3,345,700	258,506	255,023	...	3,483
20.—Police	2,635,000	212,312	207,048	...	5,264
21.—Marine	376,300	26,298	25,717	...	581
22.—Education	1,148,600	75,454	81,561	6,107	...
23.—Ecclesiastical	162,000	13,350	13,934	584	...
24.—Medical Services	695,500	51,520	51,374	...	146
25.—Stationery and Printing	309,000	25,089	26,355	1,266	...
26.—Political	492,700	33,002	29,115	...	3,887
27.—Allowances and Assignments	1,873,900	153,486	162,764	9,278	...
28.—Civil Furlough and Absentee Allowances	4,000	896	253	...	643
29.—Superannuation, Retired and Compassionate Allowances	741,000	123,771	129,806	6,035	...
30.—Miscellaneous	253,000	23,248	21,952	...	1,296
31.—Famine Relief and Insurance	1,500,000	59	46,780	46,721	...
36.—Loss by Exchange	3,156,000	350,704	205,642	...	145,062
TOTAL	31,889,700	2,987,142	3,032,676	45,534	...
32.—Railways — *Guaranteed Railways.*					
Working Expenses, &c.	4,795,000	181,746	182,245	499	...
Land and Supervision	92,000	4,764	5,105	341	...
Interest in India	5,500	...	...	...	...
Surplus Profits paid to Railway Companies	449,500	...	3,347	3,347	...
State Railways.					
Working Expenses	2,333,000	128,426	117,417	...	11,009
Surplus Profits, &c., East Indian Railway	214,700	...	...	...	...
Frontier Railways	120,000	156,624	24,679	...	131,945
Subsidized Railways	33,500	...	2,344	2,344	...
33.—Irrigation and Navigation, including Madras Irrigation, Interest, &c.	1,476,600	33,775	46,381	12,606	...
34.—Other Public Works	5,280,300	118,547	27,353	...	21,194
35.—Army	12,103,000	1,041,456	987,206	...	54,250
TOTAL	58,792,800	4,652,480	4,498,753	...	153,727
England, including Army, Public Works and Guaranteed Interest, &c.	14,166,200	2,054,552	2,009,502	...	45,050
TOTAL	72,959,000	6,707,032	6,508,255	...	198,777
37.—*Productive Public Works*—					
Capital Expenditure in India	2,700,000	121,870	106,306	...	15,564
Ditto ditto in England	550,000	23,453	27,390	3,937	...
TOTAL	3,250,000	145,323	133,696	...	11,627
GRAND TOTAL	76,209,000	6,852,355	6,641,951	...	210,404

pital Transactions of East Indian Railway.

E. W. KELLNER,
Depy. Comptroller General.

J. WESTLAND,
Comptroller General.

Report of a Deserter from the Detachment, 4th Battalion, Rifle Brigade, dated at Fortress Gwalior, this 14th day of August 1882.

Number, Rank, and Name,—No. 2280, Private William Henry Matthews.
Age,—30 years 8 months.
Size,—5 feet 6 inches.
Color of—
Complexion, fresh; Hair, light brown; Eyes, blue.
Date of Desertion,—11th August 1882.
Place of Desertion,—Fortress Gwalior (Detachment, 4th Battalion, Rifle Brigade.)
Date of Enlistment,—6th December 1871.
At what Place Enlisted,—Westminster, London.
Parish and County in which Born,—Southwark, Surrey.
Marks,—
Trade,—Printer.
Coat or Jacket,—1 khaki jacket.
Waistcoat,—
Breeches or Trowsers—1 pair khaki trowsers.
REMARKS,—Speaks Hindustani fluently.
Under 11 years' service.

L. PERCIVAL, *Lieut.-Colonel,*
Comdg. Det., 4th Battn., Rifle Brigade.

Report of a Deserter from the 2nd Battalion, Royal Warwickshire Regiment of Foot, dated at Fort William, Calcutta, this 14th day of August 1882.

Number, Rank, and Name,—No. 28Bde.—2297, Private Edward Shughnessy
Age,—21 years 6 months.
Size,—5 feet 6½ inches.
Colour of—
Complexion, fresh; Hair, dark brown; Eyes, hazel.
Date of Desertion,—10th August 1882
Place of Desertion,—Fort William, Calcutta.
Date of Enlistment,—22nd May 1880.
At what Place Enlisted,—Birmingham.
Parish and County in which Born,—Castlevay, Rosscommon.
Marks,—*Nil.*
Trade,—Stoker.
Coat or Jacket,— } Regimental dyed khaki clothing.
Waistcoat,— ... }
Breeches or Trowsers,— ... }
REMARKS,—
Under 3 years' service.

L. B. HOLE, *Lieut.-Col.,*
Comdg. 2nd Battn., Rl. Warwickshire Regt. of Foot.

Report of a Deserter from the 2nd Battalion Leicestershire Regiment of Foot, dated at Jubbulpore, this 11th day of August 1882.

Number, Rank, and Name,—No. 27Bde.—3073, Private William Galvin.
Age,—24 years 1 month.
Size,—5 feet 6½ inches.
Colour of—
Complexion, fresh; Hair, light brown, Eyes, light brown.
Date of Desertion,—8th August 1882.
Place of Desertion,—Jubbulpore.
Date of Enlistment,—8th July 1880.
At what Place Enlisted,—Leicester.
Parish and County in which Born,—Londonderry, County Londonderry.
Marks,—Tattooed, anchor, heart and cross on right fore-arm.
Trade,—Labourer.
Coat or Jacket,— } Last seen in a suit of khaki. Supposed to be dressed as a native.
Waistcoat,— ... }
Breeches or Trowsers,— ... }
REMARKS,—Well acquainted with Hindustani.
Under 4 years' service.

C. G. GRANT, *Colonel,*
Comdg. 2nd Bn., Leicestershire Regt.

Report of a Deserter from the Wing, 1st Battalion, Rifle Brigade, dated at Poona, this 11th day of August 1882.

Number, Rank, and Name,—No. 5211, Private Alexander Beattie.
Age,—25 years 2 months.
Size,—5 feet 7½ inches.
Colour of—
Complexion, fair; Hair, red; Eyes, blue.
Parish and County in which Born,—Perth, Perthshire, N. B
Marks,—Small wart on left arm five inches below left arm-pit, very small red dot two inches below and on inside left nipple.
Trade,—Painter.
Coat or Jacket,—*Nil,* grey shirt.
Waistcoat,—*Nil.*
Breeches or Trowsers,—Serge trowsers.
Date of Desertion,—10th August 1882.
Place of Desertion,—Poona.
Date of Enlistment,—6th October 1880.
Place of Enlistment,—Berwick-on-Tweed.
REMARKS,—Awaiting sentence of general court-martial.
Under 2 years' service.

———, *Lieut.-Colonel,*
Comdg Wing, 1st Battn., Rifle Brigade.

POST OFFICE.

NOTIFICATIONS.

Simla, the 10th August 1882.

No. 5029.—Appointments in the Post Office Department made by the Director General of the Post Office of India :—

POSTAL CIRCLE, ASSAM.

Babu Madhu Sudan Sircar is appointed to act as a Superintendent of Post Offices, 4th Grade, and as an Examiner of Head Office Accounts.

POSTAL CIRCLE, MADRAS.

Mr. E. M. Dawes, Superintendent of Post Offices, Mercara Division, is transferred to the Bellary Division.

Mr. C. J. Morgan, Superintendent of Post Offices, Bellary Division, is transferred to the Mercara Division.

E. R. DOUGLAS,
Depy. Dir. Genl. of the Post Office of India.

Unclaimed Letters held in the Calcutta General Post Office on 13th August 1882

Campbell, Major A D.
Dillon, Hon'ble Miss.
Hall, W. V.
Mylne, W. H
Muller, F.
Wilson, Mrs C.
Yeoward, A G.

Letters marked "Care of Post Office."

A. Z.
Bailey, J R.
Bancher, H. B
Bercavetz, Abraham.
Blatchford, Wm.
Blessley, C.
Bookman, C.
Bose, K B
Bose, P U.
C. B & Co.
Cahill, G
Concannon, J
Cornelling, E
Cotton, Lieutenant.
Cresswell, G W
Crow, Mrs. Eliza
Cunningham, D W.
Dino Nath Mullick.
Dodds, F. L.
Driscoll, D. O.
Everson, Thomas R.
Garanger, George.
Gillman, Arthur John.
Girls Chunder Turufdar.
Green, R H
Hankivez, C.
Hartley, S R.
Harvey, Sir Charles.
Herbert, Mrs R
Hobson, W. A
Howard, Percy.
Hunt, I. O
Kanai Lall Seal
Kegel, F G M
Kruger, Mrs. G
Lissant, S H
"Marah"
Marsh, W. R
Massy, J
McChillan
McIntyre, J
McReynolds, John
Mill, Wm F
Morrison, D. J
"May"
Mosa Mrs M
Munro, W.
Pereira, E S. B.
Procter, W
Radcliffe, J
Rex, Miss.
Rhodes, D.
Roberts, E
Rock, Mr.
Singh, Chanyon
Shanto Chunder Bose
Stevens, Mrs R G H V.
Stobie, Lt J. C.
Strachan, E
Strongs, W S
Tipper, Alex Earnest Gore
Tralche, Miss E
Wright, Mrs H.
W. S G.

Registered Letters

Howard, E.
Smith, Mrs K.

SEA AND FOREIGN MAILS.

Calcutta, the 18th August 1882.

Foreign Mails for	Date.	Per Steamer
	1882.	
Persian Gulf	25th Aug.	From Bombay.
Madras, Ceylon and Intermediate Ports .	24th "	Str. *Java.*
Colombo, Penang, Singapore, Hong-Kong, Shanghai, Yokohama and Australian Colonies	22nd "	From Bombay.
Foreign Mails *viâ* Bombay . . .	26th "	From Bombay.*
Do. Book Post and Pattern Packets .	25th "	From Bombay.
Rangoon, Moulmein, and Straits . . .	23rd "	Str. *Rajpootana.*
Chittagong, Akyab, Kyouk Phyoo, and Rangoon	24th "	Str. *Calcutta.*

* Also for Cape Town and Natal *viâ* England, also *viâ* Aden for Mahé (Seychelles), Mauritius and Réunion can be forwarded.

From the 31st August 1882 the Mails for British Burma will be closed every Thursday instead of on Wednesday. The last Wednesday Mail will be closed on the 23rd, and the first Thursday Mail on the 31st August 1882.

N.B.—The letter-box will close at 7 P. M. precisely; after which hour foreign letters, fully prepaid and bearing an extra postage stamp of four (4) annas on each cover, will be received up to 7-30 P. M.

E. HUTTON,

Presidency Post Master.

GOVERNMENT CINCHONA FEBRIFUGE.

This preparation is an efficient substitute for Quinine and can be purchased by Government officers for public and charitable purposes, and by any one taking *twenty pounds* at a time, from the Superintendent, Botanical Garden, Calcutta, *for cash only*, at the following rates:—per four ounce tin, *Rs. 4-8;* per eight ounce tin, *Rs. 8-8;* per pound tin, *Rs. 16-8.* The general public can be supplied by the Superintendent, Botanical Garden, *for cash only*, at the under-noted rates:—per four ounce tin *Rs. 5-8;* per eight ounce tin *Rs. 10-8;* per pound tin, *Rs. 20.* This medicine is also sold by the principal European and Native druggists in Calcutta. Postage 8 annas per four and eight ounce tins, and 12 annas per pound tin, in addition to the foregoing rates.

گورنمنٹ سنکونا فبري فيوج

يهه دوا كوئينائين كا خوب قائم مقام هى اور كلكته ے بوٹانكل گارڈن يعنے كمپني باغ ے سپرنٹنڈنٹ صاحب سے هرايك ملازم سركاري واسطے سركاري كام اور خيرات ے اور سيواے اوسكے جو كوئي ايك مشت بيس پونڈ خريد ليے سے نقيمت نقد حسب نرخ ذيل خريد كرسكتے هين يعنے نرخ چار اونس ے ٹين كا چار روپيه آٹهه آنه ; آٹهه اونس ے ٹين كا آٹهه روپيه آٹهه آنه ; ايك پونڈ ے ٹين كا سوله روپيه آٹهه آنه

اور عوام الناس بوٹانكل گارڈن يعنے كمپني باغ ے سپرنٹنڈنٹ صاحب سے نقيمت نقد حسب نرخ ذيل خريد كرسكتے هين يعنے نرخ چار اونس ٹين كا پانچ روپيه آٹهه آنه ; آٹهه اونس ے ٹين كا دس روپيه آٹهه آنه ; ايك پونڈ ے ٹين كا بيس روپيه

يهه دوا كلكته ے نرے نرے ولايتي اور ديسي دواخانونمين بكتي هى ماسيواے نيمت مذكورۂ بالا ے محصول ڈاك چار اور آٹهه اونس ے ٹين كا آٹهه آنه ; اور ايك پونڈ ے ٹين كا بارہ آنه

Meteorological Publications for Sale.

The following publications of the Meteorological Office of the Government of India are on sale and can be procured at the Meteorological Office, No. 4, Middleton Row, or either at Messrs. Thacker, Spink & Co., or at Messrs. Brown & Co., at the prices noted against them:—

	Rs.	A.	P.
Report on the Meteorology of India, in 1875, 4to., 89 pages text, 297 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India, in 1876, 4to., 97 pages text, 340 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India in 1877, 4to., 173 pages text, 375 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India, in 1878, 4to., 149 pages text, 380 pages tables, 3 plates, 4 charts ..	8	0	0
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„ 24. Breaking adrift of Kárwar rock buoy, Kárwar or Sadashivgad.
„ 25. Date of exhibition of permanent white Light at Calicut.
„ 26. Alteration of colour of Katubdea Light-house, Chittagong coast.
„ 27. Exhibition of red and green Lights at Pondicherry.
„ 28. New beacon on Kal-ah-kebirah Shoal, Gulf of Suez.
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„ 30. Revised rules for vessels using Madras Harbour.
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The Gazette of India.

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CALCUTTA, SATURDAY, AUGUST 19, 1882.

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Advertisements and Notices by Private Individuals and Corporations.

UNCOVENANTED SERVICE FAMILY PENSION FUND.

Abstract Statement of the Uncovenanted Service Family Pension Fund for the third quarter ending 31st January 1882, compared with the corresponding quarter of the year 1881.

PARTICULARS.	For the 3rd quarter ending 31st Jan 1882.	For the 3rd quarter ending 31st Jan. 1881.	Increase.	Decrease.
	Rs. A. P	Rs. A. P.	Rs. A. P.	Rs A. P.
Balance at credit of the Fund on the Government books at the end of the previous quarter	73,63,398 14 1	68,97,493 5 0	4,65,905 9 1	...
ADD RECEIPTS—				
Subscriptions from November to January in the Widows' Fund ...	1,10,425 6 8	1,07,228 10 9	3,196 11 6	...
Ditto ditto Children's Fund ...	75,241 8 9	73,815 14 5	1,425 10 4	...
Entrance fees, &c. ditto	575 10 1	647 9 3	...	71 15 3
Interest on reserve funds from Widows' Fund and Children's Fund and divisible surplus by a transfer to debit of Subscribers	321 0 8	1,028 4 0	...	707 4 0
TOTAL RECEIPTS ...	1,86,563 9 0	1,82,720 6 5	4,622 5 10	779 3 3
GRAND TOTAL ...	75,49,962 7 1	70,80,213 11 5	A4,70,527 14 11	779 3 3
DEDUCT PAYMENTS—				
Pensions paid to incumbents in the Widows' Fund	76,554 1 5	73,283 14 1	3,271 3 4	...
Ditto ditto Children's Fund	54,277 5 3	52,505 1 7	1,772 3 8	...
Establishment, including office-rent and contingencies	13,527 7 4	9,390 1 9	4,137 5 7	...
Loss in exchange on remittances to England	8,759 4 3	10,845 9 2	...	2,087 4 11
TOTAL PAYMENTS ...	1,53,117 2 3	1,46,023 10 7	9,180 12 7	2,087 4 11
Net balance in favour of the Fund, exclusive of interest upon Capital ...	73,96,845 4 10	69,34,190 0 10	B4,61,347 2 4	1,308 1 8
Proportion of Interest on Reserve Fund payable to Subscribers ...	28,908 0 0	33,282 12 0	..	4,374 12 0
TOTAL ...	28,908 0 0	33,228 12 0	...	4,374 12 0

	Widows' Fund.	Children's Fund	Widows' Fund.	Children's Fund.	Widows' Fund.	Children's Fund.	Widows' Fund.	Children's Fund.
Number of Subscribers	1,463	977	1,444	955	19	22	...	...
Ditto of incumbents	362	558	348	557	14	1	...	...
Ditto of Subscribers sharing interest on Reserve Fund	932	634	864	590	68	44	...	...

	Rs. A. P.
A—Net increase...	4,69,748 11 8
B— "	4,62,655 4 0

G. W. MACLEOD,
Accountant.

H. RONALDSON, JAMES BELL, } *Auditors.*

By order of the Directors,
W. H. RYLAND,
Secretary.

U. S. F. P. FUND OFFICE;
The 17th July 1882.

PROMISSORY NOTES.

Lost

The sixty-seven Government Promissory Notes of 1865, of which five notes bearing Nos. 040121 to 040125 of the 4 per cent. of the Bengal Bank, for Rs. 10,000 each, sixty-one Notes, Nos. 040126 to 040186 of the 4 per cent., for Rs. 10,000 each, and one Note, No. 040187, of the 4 per cent., for Rs. 5,600, originally standing in the name of Fakhrudin Mahamad Ahsan *alias* Azimuddin Chowdhory of Dulai, in the District of Pubna, and last endorsed to Mohameduddin Ahmed *alias* Hyderjan Chowdhory, the proprietor, by whom they were never endorsed to any other person. Payment of the above Notes and the interest thereupon have been stopped at the Public Debt Office, and application is about to be made for the issue of duplicates in favour of the proprietor.

MOHAMEDUDDIN AHMED *alias*
HYDERJAN CHOWDHORY OF DULAI.

PUBNA,
The 7th August 1882.

Lost, Stolen, or Mislaid

The Government Promissory Note, No. 037271, of the Transfer Loan, 1879, 4½ per cent. portion, for Rs. 500, originally standing in the name of the Bank of Bombay, and last endorsed to Soonabai, widow of Maneckji Bhikaji Cootar, and Cursetbai, wife of Nusserwanji Nowroji Cootar, the proprietresses, by whom it was never endorsed to any other person. Payment of the above Note and interest thereupon have been stopped at the Public Debt Office, Bombay, and application is about to be made for the issue of a duplicate in favour of the proprietresses.

SOONABAI,
Widow of Maneckji Bhikaji Cootar.

CURSETBAI,
Wife of Nusserwanji Nowroji Cootar.

The Gazette of India.

PUBLISHED BY AUTHORITY.

SIMLA, SATURDAY, AUGUST 19, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART IV.

Acts of the Governor General's Council assented to by the Governor General.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

[First publication.]

The following Act of the Governor General of India in Council received the assent of His Excellency the Governor General on the 18th August, 1882, and is hereby promulgated for general information :—

ACT No. XVIII OF 1882.

THE BURMA STEAM-BOILERS AND PRIME-MOVERS ACT, 1882.

CONTENTS.

PREAMBLE.

SECTIONS.

1. Short title.
   Commencement.
   Local extent.
   Savings.
2. Definitions.
3. Appointment of Inspectors.
4. Examination of, and grant of certificates to, engineers.
5. Use of boiler or prime-mover without license prohibited.
6. On notice from owner, Inspector to examine boiler or prime-mover.
7. Inspector may require owner to alter boiler or prime-mover.
8. When Inspector to grant license.
9. Licensing of boilers, &c., in charge of certain engineers.
10. License to state period for which it is to be in force.
11. Revocation or suspension of license.
12. Appeal against refusal, revocation or suspension of license.
13. Power of Inspector to enter place or building.
14. Penalties.
15. Engineer signing false report under section 9.
16. Charges not to be brought after six months or without Inspector's sanction.
17. Power to define limits of towns.
18. Power to make rules.

FIRST SCHEDULE.—FORM OF LICENSE.

SECOND SCHEDULE.—REPORT OF ENGINEER.

THIRD SCHEDULE.—FORM OF LICENSE TO BE ENDORSED ON REPORT OF ENGINEER.

An Act to provide for the inspection of Steam-boilers and Prime-movers attached thereto in British Burma.

Preamble.

WHEREAS it is expedient to provide in British Burma for the inspection of steam-boilers and prime-movers attached thereto, and for the management of the same by competent engineers; It is hereby enacted as follows :—

Short title.

1. *(1)* This Act may be called the Burma Steam-boilers and Prime-movers Act, 1882.

Commencement.

(2) It shall, except where it is otherwise expressed, come into force on such day as the Chief Commissioner of British Burma, with the previous sanction of the Governor General in Council, may, by notification in the *British Burma Gazette*, direct.

Local extent.

(3) It extends in the first instance only to the towns of Rangoon, Maulmain, Akyab and Bassein; but the Chief Commissioner may, from time to time, by notification in the *British Burma Gazette*, extend it, from such date as may be specified in the notification, to any other local area in the territories administered by him.

Savings.

(4) Nothing in this Act shall apply to any locomotive engine used on a railway, or to any engine on board of a ship, launch or boat.

Definitions.

2. In this Act, unless there is something repugnant in the subject or context,—

"boiler" includes any vessel used for generating steam under pressure:

"boiler":

"prime-mover" includes any steam-engine, and a fly-wheel, first driving shaft or pulley when attached to any such engine:

"prime-mover":

"owner" includes also any person using any boiler or prime-mover as agent of the owner thereof, and any person using a boiler or prime-mover which he has hired from the owner thereof:

"owner":

"Inspector" means a person appointed under this Act to be an Inspector.

"Inspector."

Appointment of Inspectors.

3. *(1)* The Chief Commissioner may, at any time after the passing of this Act, and from time to time, appoint such persons to be Inspectors as he thinks fit, and suspend or remove any person so appointed.

(2) The persons so appointed shall, within such local area as the Chief Commissioner may, from time to time, direct, exercise the powers and perform the duties conferred and imposed by or under this Act on an Inspector.

Examination of, and grant of certificates to, engineers.

4. The Chief Commissioner may, at any time after the passing of this Act, and from time to time, make rules regulating the examination of, and the grant (with or without examination) of certificates to, persons to act as engineers of the first or second class under this Act, and the cancellation of certificates so granted.

Use of boiler or prime-mover without license prohibited.

5. *(1)* After such day as the Chief Commissioner may, by notification in the *British Burma Gazette*, fix in this behalf, a boiler or prime-mover shall not be used unless a license authorizing its use has been granted under this Act and is in force.

(2) Such a license shall not be granted in respect of a boiler or prime-mover unless it is in charge of an engineer to whom a certificate has been granted in accordance with the rules made under section four, and its condition has been ascertained as hereinafter provided.

On notice from owner, Inspector to examine boiler or prime-mover.

6. *(1)* When the owner of a boiler or prime-mover desires to obtain a license in respect thereof, he shall give notice of his intention to use the boiler or prime-mover to the Inspector for the local area within which it is situate.

(2) On receipt of the notice, the Inspector shall appoint a day and time, after sunrise and before sunset, for the inspection of the boiler or prime-mover. The day so appointed shall be a day, if the boiler or prime-mover is situate in the town of Rangoon, Maulmain, Akyab or Bassein, not later than seven days, and if it is situate elsewhere, not later than thirty days, from the day on which the notice is received.

(3) On the day and at the time so appointed, the Inspector shall carefully examine the boiler or prime-mover, and every part thereof; and the owner or person in charge thereof shall afford to the Inspector all reasonable facilities for the examination and all such information regarding the boiler or prime-mover as he may reasonably require.

Inspector may require owner to alter boiler or prime-mover.

7. If, on making the examination under section six, the Inspector is of opinion that the boiler or prime-mover requires any alteration or addition, he shall refuse to grant a license until the alteration or addition is made, and shall serve on the owner of the boiler or prime-mover a written notice of his refusal, specifying the alteration or addition which, in his opinion, is required.

When Inspector to grant license.

8. When the Inspector is satisfied—

(*a*) that the boiler or prime-mover is in good condition, and not so exposed as to be likely to be dangerous, and

(*b*) that the boiler or prime-mover is in charge of an engineer to whom a certificate has been granted in accordance with the rules made under section four,

he shall give to the owner thereof a written license, signed by him, in the form prescribed in the first schedule hereto annexed, or a form to the like effect, on payment, by the owner, of such fee as the Chief Commissioner may by rule prescribe.

Licensing of boilers, &c., in charge of certain engineers.

9. *(1)* When a boiler or prime-mover is in charge of an engineer who has obtained, in accordance with the rules made under section four, a certificate as engineer of the first class, the Chief Commissioner may, by an order in writing, direct that the report of that engineer shall, for the purpose of granting a license under this Act in respect of that boiler or prime-mover, be received as sufficient evidence of the matters referred to in section eight, clause (*a*).

(2) The Chief Commissioner may rescind any order made under clause *(1)*.

(3) If the owner of any boiler or prime-mover in respect of which an order under clause *(1)* is in force presents to the Inspector, at the time of giving notice in respect of that boiler or prime-mover under section six, a report in respect of that boiler or prime-mover in the form prescribed in the second schedule hereto annexed, or a form to the like effect, and signed by the engineer mentioned in the order, and pays to the Inspector such fee as aforesaid, the Inspector shall, notwithstanding anything hereinbefore contained, endorse on the report a license in the form prescribed in the third schedule hereto annexed, or a form to the like effect, without examining the boiler or prime-mover.

License to state period for which it is to be in force.

10. Every license granted under this Act shall state the period for which it is to continue in force, and shall cease to be in force on the expiration of that period.

Revocation or suspension of license.

11. Any person authorized by the Chief Commissioner in this behalf may revoke or suspend any license granted under this Act in respect of any boiler or prime-mover when he has reason to believe—

(*a*) that the license has been fraudulently obtained, or has been granted erroneously, or without sufficient examination; or

(*b*) that the boiler or prime-mover in respect of which it has been granted is not in charge of an engineer to whom a certificate has been granted in accordance with the rules made under section four, or is not in good condition, or has, since the granting of the license, sustained injury; or

(*c*) where the license has been granted under section nine, that the boiler or prime-mover has ceased to be under the charge of the engineer on whose report the license was granted.

Appeal against refusal, revocation or suspension of license.

12. *(1)* The owner of any boiler or prime-mover may appeal from any order made under this Act refusing to grant, or revoking or suspending, a license.

(2) The appeal shall, within seven days from the day on which the owner received the order appealed against, be presented to some person authorized by the Chief Commissioner to hear appeals hereunder.

(3) Every such person shall be deemed to be a public servant within the meaning of the Indian Penal Code, and may, if he thinks fit, summon to his assistance, in such manner as the Local Government may, from time to time, direct, two competent assessors; and those assessors shall attend and assist accordingly. XLV of 1860.

(4) If the person hearing the appeal is satisfied that the owner is entitled to the license, he shall, on payment of the fee, grant a license in such form as the Chief Commissioner may, from time to time, by rule, prescribe, or shall cancel the order revoking or suspending the license, as the case may be.

(5) If the person hearing the appeal is of opinion that the order appealed against is right, he shall dismiss the appeal; and the costs of the appeal incurred by Government and certified by him shall be recoverable from the appellant, as a fine, by any Magistrate having jurisdiction in the place where the boiler or prime-mover is situate.

Power of Inspector to enter place or building.

13. An Inspector may at any time enter into any place or building where he has reason to believe that a boiler or prime-mover is used without a license or under a license granted under section eight, or on appeal from an order refusing a license under that section, for the purpose of inspecting and examining the same.

Penalties.

14. Every owner, or person in charge, of any boiler or prime-mover who—

(*a*) uses that boiler or prime-mover in contravention of the provisions of section five, or,

(*b*) having a license granted under this Act and in force in respect of any boiler or prime-mover, fails to produce the same when called upon at any reasonable time to do so by any Magistrate having jurisdiction in the place in which that boiler or prime-mover is situate, or by any person authorized in writing by that Magistrate to demand the production of the license, and

every person who prevents an Inspector from entering, under section thirteen, any place or building,

shall be punished with fine which may extend to five hundred rupees.

Engineer signing false report under section nine.

15. Any engineer signing any report under section nine which he either knows or believes to be false in any material point shall be deemed to have committed an offence punishable under section 197 of the Indian Penal Code. XLV of 1860.

Charges not to be brought after six months or without Inspector's sanction.

16. No charge of an offence under this Act shall be brought against any person without the previous sanction of an Inspector, or after the expiration of six months from the date of the commission of the offence.

Power to define limits of towns.

17. The Chief Commissioner may, from time to time, define what shall be deemed to be for the purposes of this Act the local limits of the towns of Rangoon, Maulmain, Akyab and Bassein respectively.

Power to make rules.

18. The Chief Commissioner may, at any time after the passing of this Act, and from time to time, make rules consistent with this Act for all or any of the following purposes (that is to say):—

(*a*) for prescribing the powers and duties of Inspectors;

(*b*) for fixing the fees payable on account of licenses granted under this Act;

(*c*) for determining the time for which such licenses shall be in force;

(*d*) for regulating the procedure on hearing appeals, and conferring on the persons authorised to hear appeals any of the powers conferred on a Civil Court by the Code of Civil Procedure; and XIV of 1882.

(*e*) generally for carrying out the purposes of this Act.

All such rules shall be published thrice in the *British Burma Gazette*, and shall come into force on the day on which they are last so published, or on such later day as may be specified in the notification publishing them.

FIRST SCHEDULE.

(*See section 8.*)

FORM OF LICENSE.

1	2	3	4	5	6	7	8	9
Name of owner.	Description of boiler.	Description of prime-mover.	Power.	When and where made.	When and where last repaired.	No. and date of certificate of engineer in charge.	Period for which license is to be in force.	Remarks.

I, the undersigned, certify that I have examined the boiler (*or* prime-mover) above described, and, to the best of my judgment, it is in good condition, and is not so exposed as to be likely to be dangerous. The engineer in charge is possessed of a certificate [and (*in case alterations or additions have been required*) the alterations (*or* additions) required by me have been properly made].

A. B.,
Inspector.

SECOND SCHEDULE.

(*See section 9.*)

REPORT OF ENGINEER.

1	2	3	4	5	6	7	8
Name of owner.	Description of boiler.	Description of prime-mover.	Power.	When and where made.	When and where last repaired.	No. and date of certificate of engineer in charge.	Remarks.

I, the undersigned, certify that I am in charge of the boiler (*or* prime-mover) above described, that I have examined the same, and, to the best of my judgment, it is in good condition, and is not so exposed as to be likely to be dangerous, and may safely be licensed for the period of .

C. D.,
Engineer.

THIRD SCHEDULE.

(*See section 9.*)

FORM OF LICENSE TO BE ENDORSED ON REPORT OF ENGINEER.

I, the undersigned, hereby authorise the use of the boiler (*or* prime-mover) to which this report refers for a period of ending on the day of 188 .

A. B.,
Inspector.

D. FITZPATRICK,
Secy. to the Govt. of India.

SUPPLEMENT TO

The Gazette of India.

Nº 33.} CALCUTTA, SATURDAY, AUGUST 19, 1882.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on a payment of six Rupees per annum if delivered in Calcutta, or nine Rupees if sent by Post.*

No Official Orders or Notifications, the publication of which in the GAZETTE OF INDIA *is required by Law, or which it has been customary to publish in the* CALCUTTA GAZETTE, *will be included in the* SUPPLEMENT. *For such Orders and Notifications the body of the* GAZETTE *must be looked to.*

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

REPORT ON THE OPERATIONS OF THE CURRENCY DEPARTMENT FOR THE YEAR 1881-82.

No. 120, dated Calcutta, the 5th August 1882.

From—The Head Commissioner of the Department of Issue,

To—The Secretary to the Government of India, Department of Finance and Commerce.

I HAVE the honour to submit the report upon the operations of the Currency Department for the year 1881-82.

Arrangement of Subjects.

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No. VI.—Issues and Receipts of Home Notes.
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OFFICERS IN CHARGE.

2. Except for the last three days of the year, Mr. J. Westland was Head Commissioner.

Messrs. E. Gay, E. T. Atkinson, and A. C. Tupp were Commissioners in Bombay from 1st to 17th April, 18th April to 24th December, and 25th December to 31st March 1882, respectively, and Mr. H. F. Clogstoun was Commissioner in Madras during the whole year.

ABOLITION OF NAGPUR AND OTHER SUB-CIRCLES.

3. A notable event in the history of the year is the abolition of the sub-circles of circulation at Nagpur, Akola, and Coconada. The permanent circulation at these circles was very small: about six lakhs for Nagpur and three or four for each of the other two; but after the cotton season at Nagpur and Akola, and the export season at Coconada, it was liable to swell to very high figures, and has been over thirty lakhs at each place. The excess over the above-stated minima of six and three lakhs was practically the excess of funds held by the public and the trading classes after the close of the local trading season, which they desired to remove elsewhere, and which might therefore be expected at any time to come in for payment, the law obliging us to prepare to meet the notes both at the sub-circles themselves and at the head offices. This arrangement, however convenient for the local public, was hardly a legitimate burden upon the general currency reserve; and after consulting the Local Governments and commercial authorities it was determined to suppress the local circulation. Nagpur and Akola are now parts of Bombay Circle, and Coconada part of Madras Circle, without any special privileges in the way of double encashment of their notes.

4. The issue of notes at the suppressed sub-circles was discontinued on 15th August 1881, but the offices remained open for encashment of notes up till 31st December. Between these dates the gross circulation diminished from 2,491, 2,442, and 1,665 thousands, to 480, 270, and 286, and a new arrangement was now made. An encashing agency was established at which was placed a treasure chest containing the necessary reserve funds; the agent cashed out of his own resources all local notes brought to him, and recouped himself when he wished by presenting his notes to the currency officer for encashment out of the reserve chest. The Banks of Bengal and Madras were good enough to undertake the "encashing agency" at Nagpur and Coconada respectively, and at Akola it was managed by the local treasury.

5. The separate accounts of the sub-circles were maintained till March 31st, when their balances, both of circulation and of reserve, were transferred to the respective head circle accounts.

6. Currency agencies have, however, been established at all three places for issue and encashment of notes. These differ from sub-circles, chiefly in respect of their being under no legal obligation to issue or to encash, and they practically merely supplement the funds available at the local treasuries for meeting the public convenience in respect of demand for notes or for encashment of them. The funds which they hold, notes and cash together, have a definite limit, so that if the demand for notes exceeds that for encashment, or *vice versâ*, by the amount of the limit, the operation automatically ceases.

PROPOSED BURMA CURRENCY CIRCLE.

7. An attempt was made during the year to legislate for the introduction of a currency circle in Burma. As the law at present stands, no local currency can be introduced in Burma without the condition that the notes shall also be encashable in Calcutta; and the circumstances of the Burma trade are such as to render it impossible to work a currency that is subject to this condition. The object of the legislation was therefore to enable the department to extend its operations to Burma without making them subject to this condition.

8. In the Bill brought before Council for this purpose, opportunity was taken to introduce, at the same time, an amendment of the bullion clauses of the law; which enable the importer of silver to obtain coin immediately out of the currency reserve, whereas the latter can recoup itself only as fast as the Mint can coin. Certain objections were raised to the proposed amendment of the law on behalf of the importers of bullion; these objections are now under consideration. Meantime preparations are being made to open a Currency Department in Burma as soon as the law renders it possible.

ACCOUNTS AND AUDIT.

9. The monthly audits of the accounts have been duly reported, for each office, to the Comptroller General, and the following special audits have also been made :—

Accounts of	Auditing officer.	Date of report.	Period under Audit.
Calcutta . .	Inspector of Local Accounts.	27th April 1882 .	Jan. to Dec. 1881.
Madras . .	Ditto ditto .	14th January 1882 .	Ditto.
Calicut . . .	Dr. Cline, Asst. Acct. Genl., Madras.	19th April 1882 .	Sept. 1880 to April 1882.
Bombay . . .	Inspector of Local Accounts.	4th February 1882 .	Jan. to Dec. 1881

The sub-circles of the Bombay circle have not been specially audited owing to the difficulty found in deputing an officer from Bombay for the purpose, but the accounts of the Akola and Nagpur sub-circles for the months of January, February, and March last have been audited by Assistants to the Accountant General, the accounts for those months having been prepared in the head office owing to the abolition of the sub-circles.

CIRCULATION.

10. The following figures show the state of the *net* circulation :—

	Gross Circulation.	Retired by other offices.	Net Circulation.
1st April 1881	13,81,82,675	41,65,310	13,40,17,365
31st March 1882	14,43,08,415	52,36,635	13,90,71,780

It must be explained that a note is in "gross circulation" when it is not yet returned to the original office of issue, but if it has meantime been paid off by another office of issue, and is held by it pending return to the original office of issue, then it has ceased to be in "net circulation," though it is still part of the gross circulation.

11. The details of the net circulation of March 31st, 1882, are as follows :—

	Number of Notes for Rupees.								Total	
	5	10	20	50	100	500	1,000	10,000	Pieces.	Value.
Calcutta	265,616	929,483	336,807	47,672	105,874	13,441	17,454	1,430	1,717,777	6,88,04,550
Allahabad . . .	13,574	19,889	14,841	11,577	13,175	1,141	5,607	2	79 806	80,57,430
Lahore	15,809	34,698	20,420	12,680	12,200	3,546	2,443	49	101,951	73,95,105
Bombay	124,420	447,462	89,878	53,370	64,983	4,933	10,106	638	795,790	3,50,13,580
Kurrachee	7,486	23,900	9,099	5,486	6,430	753	1,309	..	55,063	30,73,210
Madras . . .	35,219	55,345	31,463	23,246	60,650	4,451	1 499	250	212,123	1,48,10,605
Calicut . . .	8,064	8,772	4,818	3,628	5,120	139	70	26	30,637	13,17,300
Total for Mar 31st, 1882	470,288	1,519,540	507,935	157,659	268,432	28,404	38,485	2 395	2,993,150	13,90 71,780
Total for Mar 31st, 1881	429,075	1,425,995	530,582	164,592	261,098	28,362	42,100	1,688	2,883 442	13,40,17,365
Total for Mar 31st, 1880	418,930	1,383,504	478,469	164,288	271,233	28,069	39,966	874	2,785,333	12,35,77,270

The comparison shows an increase of 11½ lakhs in five and ten-Rupee notes, and of 76 lakhs in ten-thousand-Rupee notes, against a decrease of 36 lakhs in thousand-Rupee notes.

12. From these figures it will be found that the average value of each note in circulation on the last day of the year compared with the past two years was—

	1879-80.	1880-81.	1881-82.		1879-80.	1880-81.	1881-82.
Calcutta Circle . .	36	39	40	Nagpur Circle . .	56	93	...
Allahabad „ .	64	85	108	Kurrachee „ . .	60	66	56
Lahore „ .	52	67	72	Madras „ . .	62	62	69
Bombay „ . .	56	44	44	Calicut „ . .	36	61	43
Akola „ .	61	109	...	Coconada „ . .	158	115	...

The chief variation is in Allahabad, and is due to the fact that its circulation was larger in 1882 than 1881 by about twenty lakhs of thousand-Rupee notes, a circumstance which arises out of certain transactions of the Bank of Bengal.

13. The variations in the net circulation of each circle are shown in the following table, omitting 000 :—

Last day of	Calcutta.	Allahabad.	Lahore.	Bombay.	Akola.	Nagpur.	Kurrachee.	Madras.	Calicut.	Cocoanada.	TOTAL.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
March 1881. .	656·54	66·76	86·52	313·50	17·07	14·26	34·35	119·55	17·78	13·84	1340·17
April " . .	597·25	49·02	96·02	309·53	17·27	13·62	33·63	136·16	16·07	17·02	1285·58
May " . .	600·41	40·60	97·81	337·84	22·48	16·16	31·74	122·14	15·54	16·26	1300·99
June " . .	639·19	51·34	91·85	365·36	22·46	19·72	34·13	113·29	17·27	17·42	1372·03
July " . .	652·70	47·24	88·84	372·35	22·31	23·46	39·32	125·06	14·59	18·40	1404·28
August " . .	673·68	67·38	77·80	397·17	9·73	15·63	31·66	128·87	12·67	7·06	1422·56
September " . .	628·25	84·45	78·62	371·16	5·35	11·31	34·42	123·20	13·48	4·54	1354·77
October " . .	639·25	68·82	74·08	377·93	4·54	8·44	32·40	118·97	11·35	3·33	1339·11
November " . .	630·20	83·43	74·16	334·52	3·24	7·30	32·69	121·92	17·09	2·91	1307·46
December " . .	635·57	82·04	75·23	322·32	2·57	4·60	40·07	129·42	20·12	2·79	1314·75
January 1882 .	654·53	98·69	74·11	337·68	2·97	3·17	30·44	119·08	16·90	2·45	1339·13
February " . .	686·80	106·76	73·41	320·31	1·77	2·71	28·41	135·62	16·02	2·36	1374·16
March " . .	688·01	86·58	73·95	345·89	A1·64	A2·62	30·73	146·04	13·17	B2·07	1390·70
Average of last 12 figures.	643·82	72·20	81·32	349·34	9·62	10·73	33·31	126·64	15·36	8·12	1350·46
Average of 1880-81	654·06	53·48	92·55	333·78	23·42	24·34	34·61	123·49	14·78	11·78	1366·29
Average of 1879-80	626·56	47·92	65·49	325·36	19·80	20·04	26·72	119·01	18·01	10·92	1279 83

(A) Circulation transferred to Bombay on March 31st, 1882.
(B) Ditto ditto Madras ditto.
The figures are more fully given in Statement No. I.

14. On these the following remarks are offered :—

First, for Calcutta, I show for the last two years the figures of the circulation (in lakhs of Rupees) excluding the Reserve Treasury of Government—

Last day of	1880-81.	1881-82.	Last day of	1880-81.	1881-82.
April	563	580	October . . .	665	556
May	539	566	November . . .	745	531
June	586	569	December . . .	728	533
July	567	590	January . . .	644	536
August	540	527	February . . .	579	543
September . . .	585	591	March	587	549

In the last two years the conclusion from the figures thus compiled was "a low range of circulation from April to September, a sudden increase of over 1½ crores in the opening of the cold weather, and a rapid diminution in February." And I attributed these features chiefly to the preparations of the Banks for the cold weather trade, and their subsequent withdrawals of silver for the Burma and other inland trade.

In 1881-82, however, money was for several reasons so dear that the Banks did not prepare their supplies for the cold weather till the demand was upon them, and we find therefore a pretty equable circulation throughout the year.

15. In Bombay the same feature appears as did last year, the circulation outside the reserve treasury rising from 299 in April to 345 in September and November, and then diminishing to 315 in March. A sudden break in the regularity of these figures occurs in the temporary reduction of the circulation, on October 1st, to 309, and is due to the Bank of Bengal exchanging about 20 lakhs of Bombay notes, at Allahabad, for Allahabad notes, thus effecting a remittance from Bombay to Calcutta.

16. The Madras circulation fell from March (115 lakhs) till October (99 lakhs) and then rose till March (126 lakhs)—the same features as were exhibited last year.

17. The following figures show, in lakhs and thousands, the gross circulation in the head circles of notes not exceeding Rs. 100 each :—

Last day of	Calcutta.	Bombay.	Madras.
April 1881	289·54	148·38	77·01
May "	280·07	153·05	72·58
June "	270·99	153·68	69·38
July "	275·11	153·77	67·96
August "	278·39	159·24	69·71
September "	302·22	154·57	66·77
October "	292·20	162·87	66·94
November "	294·11	159 77	69·80
December "	293·15	160·85	73·77
January 1882 . . .	301·24	157·90	75·76
February "	305·94	158·27	82·84
March "	304·73	159·16	86·86

But for the exceptional figure of September, these figures shew as last year a tendency to a minimum about September.

ANALYSIS OF CIRCULATION.

18. The following statement analyses the outstanding on 31st December 1881 by years of issue. As explained in former reports, the amount thus shown is necessarily much greater than the circulation of the date in question, as it includes, among other things, balances of notes held in the currency offices themselves for issue to the public :—

Outstanding of Notes.

CALENDAR YEAR OF ISSUE.	Amount issued in official year.	Value outstanding on 31st December 1880.	Value outstanding on 31st December 1881.
	Rs.	Rs.	Rs.
1862	6,72,55,500	3,45,460	3,41,670
1863	4,72,01,000	1,17,230	1,10,540
1864	4,53,00,110	(a) 1,22,450	1,19,430
1865	10,10,04,920	1,07,340	1,02,540
1866	26,80,12,150	1,31,930	1,22,620
1867	33,06,49,710	1,65,810	1,29,290
1868	44,00,73,020	2,52,010	1,91,820
1869	49,34,48,480	2,04,000	2,00,750
1870	56,63,62,620	4,10,990	3,43,390
1871	62,25,21,200	3,84,940	3,77,400
1872	57,39,09,525	4,50,885	4,17,140
1873	61,69,24,575	7,08,475	5,30,195
1874	68,25,78,760	9,33,140	7,98,575
1875	62,69,70,815	13,75,040	10,91,920
1876	78,77,51,185	18,73,895	11,45,410
1877	99,52,50,980	33,82,000	18,73,510
1878	86,09,06,930	51,93,050	30,03,440
1879	81,51,93,855	1,79,04,540	59,04,540
1880	85,23,94,490	13,18,09,910	2,19,68,375
1881	71,74,55,450	.....	13,15,58,530
TOTAL .	.....	16,58,73,095	17,03,31,085

(a) Corrected since last year's report by addition of 4,200.

THE RESERVE.

19. The value held against the net circulation upon 31st March 1882 was as follows:—

	Rs.	A.	P.			
SILVER COIN—						
At Calcutta	1,54,31,038	2	7			
„ Allahabad	1,24,39,855	0	0			
„ Lahore	1,61,70,955	0	0			
„ Bombay, including Nagpur and Akola	1,23,41,217	0	0			
„ Kurrachee	37,22,285	0	0			
„ Madras, including Coconada	82,84,105	0	0			
„ Calicut	10,17,095	0	0			
				6,94,06,550	2	7
SMALL SILVER COIN—						
At Bombay	1,00,000	0	0			
„ Kurrachee	40,400	0	0			
„ Madras	11,40,000	0	0			
				12,80,400	0	0
SILVER BULLION—						
At Calcutta	31,02,035	15	1			
„ Bombay	52,82,828	0	0			
				83,84,863	15	1
Invested in Government Securities	.....			5,99,99,965	14	4
TOTAL, AGREEING WITH THE NET CIRCULATION				13,90,71,780	0	0

20. The half-yearly verifications of the above coin and security balances were held as follows:—

	1st half.	2nd half.
CALCUTTA	Feb. 4, 1882	April 29, 1882
Allahabad	Sept. 22, 1881	March 31, „
Lahore	„ 28, „	„ 31, „
BOMBAY	„ 12, „	April 4, „
Kurrachee	„ 30, „	March 31, „
Nagpore	„ 22, „	*
Akola		*
MADRAS	Oct. 5, „	April 1, „
Calicut	Sept. 30, „	„ 14, „
Coconada	„ 29, „	*

* Abolished.

21. The verifications, so far as regards the coin at head-quarters, were all conducted by officers appointed by the Local Government, except at Calcutta, where the officer is appointed by the Comptroller General; and the coin at agencies is certified by the district officers in whose charge it is; but the verification is defective in the following respects:—

(1) Rupees 20,46,000, in transit from Kurrachee to Bombay, was not verified otherwise than by the counting after it arrived.

(2) The encashing chests in the suppressed circles of Nagpur and Akola (Rs. 4,21,295), appear to have been overlooked in the verification.

THE INVESTMENT.

22. Since last report the Investment Account has increased thus:—

	Stock certificate of 4 per cent. of 1842-43.		Purchase price.		
Last year's report	6,24,62,900		5,99,24,184	2	4
Purchased on 15th December	74,800	at Rs. 1-5 premium	75,781	12	0
	6,25,37,700		5,99,99,965	14	4

being within 35 Rupees of the legal limit of six crores.

23. The new purchase was as soon as convenient converted into the same form in which we hold the rest of the investment, and the whole is at present

in my custody in the form of certificates of book debt of the Public Debt Office, namely :—

	Rs.	
No. 59 of 4 per cent. Loan of 1842-43 for . .	5,00,00,000	
„ 72 „ „ „ . .	1,00,00,000	
„ 73 „ „ „ . .	24,62,900	
„ 92 „ „ „ . .	74,800	
		6,25,37,700

The book-value of the whole investment is Rs. 95·94 per cent.

PROFITS OF CIRCULATION.

24. Our account with the Treasury was clear at the date of last year's report. Since then there has fallen due—

	Rs.	A.	P.
A year's interest on Rs. 6,24,62,900	24,98,516	0	0
Interest from 15th December till 1st February, 1 month 16 days, on Rs. 74,800	382	5	0
Total due to Treasury	24,98,898	5	0
TOTAL PAID TO TREASURY . .	24,98,898	5	0

TRANSACTIONS WITH THE PUBLIC.

Issue and Receipt of Notes.

25. The following are the gross statistics of the year, the details by circle being shown in statement VI :—

	Rs.	Rs.
Gross circulation, April 1881	...	13,81,82,675
ISSUES—		
a—Over the counter	67,74,03,020	
b—At Agencies	77,17,075	
c—In remittance transactions . . .	3,17,02,820	
		71,68,22,915
TOTAL		85,50,05,590
RECEIPTS—		
d—Over the counter	56,22,79,435	
e—At Agencies	73,93,940	
f—From other currency circles . . .	9,63,73,650	
g—For cash from encashing office . .	1,15,535	
h—In remittance transactions . . .	4,45,34,615	
		71,06,97,175
Balance, being gross circulation, March 31st, 1882 (*vide* para. 10) .		14,43,08,415

EXPLANATIONS.

a and *d*—These are the ordinary issues and receipts in exchange for other notes or for coin.

b and *e*—These are exchange transactions with treasuries, as the agencies do not deal direct with the public, but only enable the treasuries to do so to a greater extent than would otherwise be the case.

f—This figure represents notes cashed at other currency circles from March 16th, 1881, to March 15th, 1882, and returned during the year under report to the circles to which they belong.

g—Is explained in connection with the abolition of the Nagpur, Akola and Coconada sub-circles (para. 4).

c and *h*—These remittances are for the most part payments and receipts of one currency office, in consideration of receipts or payments at another.

COMPARISON—	Issues. Rs.	Receipts. Rs.
1881-82	71,68,22,915	71,06,97,175
1880-81	85,23,94,490	84,04,84,890
1879-80	81,51,93,855	80,79,23,265

26. It is in the "over the counter" transactions that there has been less activity than last year, and it is probably connected with the feature remarked on in paragraph 14—the greater equalness observable in the circulation throughout the year.

27. The aggregate issues and receipts of the several denominations of notes at both offices of issue and agencies during the year were as follows :—

	Number of Notes for Rupees								Total.	
	5	10	20	50	100	500	1,000	10,000	Number.	Value.
Issues	747,597	2,754,372	1,001,018	355.053	720,117	136,765	334,684	17,260	6,066,875	71,68,22,915
Receipts	706,303	2,659,262	1,022,912	362,058	713,104	136,245	337,639	16,494	5,954,017	71,06,97,175
More issues	41,294	95,110	.	...	7,013	520	...	775	144,712	98,68,870
„ receipts	...	...	21,894	7,005	.	...	2,955	...	31,854	37,43,130

28. So far as regards the three head offices, the average number of notes that passed over the counters on each working day during the past three years, and the daily average of cancellations during the same period, has been—

	Notes cashed.			Notes issued.			Notes cancelled.		
	1879-80	1880 81.	1881-82	1879-80.	1880-81	1881-82	1879-80.	1880-81.	1881-82.
At Calcutta	13,300	14,013	11,877	13,352	14,339	12,112	8,531	9,122	6,925
„ Bombay	4,567	4,932	4,625	4,709	5,265	5,111	2,381	2,624	3,113
„ Madras	1,420	1,732	1,897	1,631	1,703	1,960	927	1,360	1,559

29. The decrease in the figures of Calcutta is owing to a new practice there introduced in the month of August. The operations at the Calcutta office are divided into two parts :—

(1) Notes received from the Bank of Bengal which acts as a clearing-house for the other Banks, receiving and passing on to us the notes they receive out of general circulation, and similarly passing on new and re-issue notes to them—an operation by which the circulation of Calcutta is continually passing under the examination of our currency counters.

(2) Notes received from the rest of the public.

30. In the case of these last, the note receiver's stamp, impressed at the time of receipt at the counter, is a necessary link in tracing the history of the note, so that it was part of the system that all such notes should be cancelled and retained. Enquiry, however, showed that in the case of small notes nothing was really gained by thus preserving to the office facilities for answering enquiries about notes, and abandoning the simple rule of cancelling *all* such notes, we re-issued such as were perfectly clean. The saving (including what arises from a consequent alteration in the practice of the Bank of Bengal in its dealings with the Currency Office) is about 2,000 note-forms a day, value about fifty or sixty rupees.

The offices at Bombay and Madras have always re-issued such notes as were fit for re-issue; but they were relieved by this order from the necessity of recording in their counter registers the names of persons presenting small notes for payment.

31. I need not say we try to be particular about the cleanness of all notes given for re-issue. All attempts at forgery have been facilitated by the fact that dirty notes are in circulation, and though we cannot withdraw such notes, it is greatly to our interest to reduce the number of them as far as possible.

32. The change just noted was introduced concurrently with, and in fact partly hinged upon, another change of procedure, namely, that we refused to note stoppages against notes of 5, 10, and 20 rupees. The public, by unanimous consent, pass these from hand to hand without note or endorsement, and long experience has shown that no person ever gained the slightest advantage by our noting stoppage against them, that is, agreeing to notify to the stopper when and by whom the note was presented for encashment. We now tell people who write to stop notes of small value, that, as we are bound to pay the value of the note to bearer, we cannot take any steps to advertise or enforce their claims.

ENCASHMENT OF FOREIGN NOTES.

33. The following is the foreign note account of the circles in aggregate:—

	Rs.	Rs.
Balance held on April 1st	...	41,65,310
Received over the counter	9,58,37,875	... ..
On payment of transfers or drafts issued	2,00,000	.....
From other circles	84,01,605	.....
At agencies	4,000	.....
		10,44,43,480
TOTAL		10,86,08,790
Remitted to the circles concerned		10,33,72,155
Balance held on March 31st		52,36,635
TOTAL		10,86,08,790

34. The following statement shows the statistics of the encashment of foreign circle notes, giving for the year an aggregate total, as just mentioned, of Rs. 9,58,37,875:—

Statement of Foreign Circle notes cashed during the year 1881-82.

	Calcutta.	Allahabad	Lahore.	Bombay.	Akola.	Nagpur.	Kurrachee.	Madras.	Calicut.	Coconada.	TOTAL.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
CASHED BY—											
Calcutta	...	(c) 2,03,90,860	... (c) 2,07,99,130	45,20,685	42,910	30 1,57,370	5,11,290	23,02,585	5,57,635	3,33,115	4,96,15,610
Allahabad	25,22,950	...	2,76,570	1,15,11,860	91,160	1,08,600	1,01,060	1,51,035	3,700	95	1,47,67,030
Lahore	6,65,050	2,78,615	...	2,02,655	2,540	12,145	3,79,605	1,14,045	2,530	520	16,57,705
Bombay	39,22,710	5,18,145	23,20,510	...	(c) 24,62,030	(c) 17,95,220	(c) 44,07,195	31,11,785	6,21,565	68,455	1,92,27,615
Akola	...	...	...	565	...	...	...	150	...	...	715
Nagpur	35,710	28,675	6,275	2,10,180	10,360	...	6,450	7,475	40	130	3,05,295
Kurrachee	1,150	810	2,850	8,780	...	70	...	1,310	...	...	14,970
Madras	1,81,100	9,770	33,275	20,68,600	5,100	7,855	14,680	...	(c) 40,60,260	(c) 10,68,085	74,48,725
Calicut	42,400	3,170	4,645	4,17,205	2,580	2,895	12,325	18,16,865	...	7,125	23,09,210
Coconada	18,005	755	850	2,175	5	20	...	4,65,180	4,010	...	4,91,000
TOTAL ...	73,89,075	2,12,30,800	2,34,44,105	1,89,42,705	26,16,685	20,84,205	54,32,605	79,70,430	52,40,740	14,77,525	9,58,37,875

The letter (c) marks the cases in which the foreign notes are legally encashable.

35. The comparison for three years is as follows—

NOTES CASHED AT—	1879-80. Rs.	1880-81. Rs.	1881-82. Rs.
Calcutta	3,81,32,120	3,89,08,405	4,96,15,610
Allahabad	...	5,155	1,47,67,030
Lahore	210	...	16,57,705
Bombay	53,90,775	1,65,13,125	1,92,27,615
Akola	11,09,565	11,030	715
Nagpur	3,88,680	59,215	3,05,295
Kurrachee	13,285	27,540	14,970
Madras	1,31,97,710	50,54,520	74,48,725
Calicut	34,85,590	26,53,800	23,09,210
Coconada	9,47,900	13,55,805	4,91,000
TOTAL	6,26,65,835	6,45,88,595	9,58,37,875

36. Thus under the requirements of the law, the amount of notes issued by each sub-circle and cashed at its head office were in—

	1879-80.	1880-81.	1881-82.
	Rs.	Rs.	Rs.
Calcutta	85,54,265	1,96,83,500	4,11,89,990
Bombay	24,21,355	53,79,320	86,64,445
Madras	55,29,785	42,22,140	51,28,345
	1,65,05,405	2,92,84,960	5,49,82,780

37. These figures are all very much larger than those of the two preceding years. The difference arises, in a great measure, from causes external to the Currency Department—the state of the money-market, the relations between the markets at Calcutta and Bombay, the activity of trade between Calcutta and the North-West. But the increased accommodation we have given to the public in respect of foreign notes has also in part arisen from our withdrawing the prohibition laid upon the Allahabad and Lahore circles during the Afghan war of using their coin for the encashment of foreign notes.

ISSUE AND RECEIPT OF COIN.

38. The transactions in coin are as follows (for details by circles, refer to statement VII) :—

		Coin.			Small Coin.		
		Rs.	A.	P.	Rs.	A.	P.
Balance, April 1st, 1881	...	7,20,82,955	7	7	13,99,200	0	0
RECEIPTS—							
Over the counter ...	...	11,44,07,510	0	0			
From small coin account	...	9,80,308	0	0			
At Agencies ...	...	2,39,76,841	0	0			
In remittance transactions	...	6,06,27,006	0	0			
From treasury on account of Mint certificates	...	319	1	4			
By sale of securities	...	.....					
From small coin account	...	.....			8,61,508	0	0
TOTAL RECEIPTS	...	19,99,91,984	1	4	8,61,508	0	0
TOTAL OF BALANCE AND RECEIPTS	...	27,20,74,939	8	11	22,60,708	0	0
ISSUES—							
Over the counter ...	...	11,65,94,955	0	0			
At Agencies .	...	1,56,97,706	0	0			
In remittance transactions	...	6,64,33,066	0	0			
For Bullion and for melting fees		5,372	6	3			
To small coin account	...	8,61,508	0	0			
In purchase of securities	...	75,781	12	0			
To small coin account	...	.. ...			9,80,308	0	0
TOTAL ISSUES	...	20,26,68,389	2	3	9,80,308	0	0
BALANCE, MARCH 31ST, 1882 (see para. 19)		6,94,06,550	6	8	12,80,400	0	0

		Receipts.	Issues.
		Rs.	Rs.
Comparison, 1881 82	...	19,99,91,984	20,26,68,389
1880 81	...	21,29,05,056	19,63,95,076
1879-80	...	25,95,14,328	24,19,97,198

39. The receipts of coin over the counter have been smaller than last year, a diminution corresponding with that observed in the case of issue of notes.

THE STATE OF THE COINAGE

40. The Government has, during the year, both pursued and further developed its policy of clearing the coin circulation of the country of shroff-marked and under-weight rupees. By Resolution No. 2432, dated 17th August 1881, it accepted, for the present, the burden of their re-coinage, encouraging holders to deliver them to treasuries and currency offices by promising credit at full weight, so as to effect a general purification of the coinage in those places, chiefly the North-West Provinces, the Punjab and Bombay, where the practice of shroff-marking had prevailed and where a large proportion of old rupees was in circulation.

41. The following figures show the receipt of such coin in the currency offices, and the figures practically include treasury receipts also, inasmuch as the treasuries are directed to pass on their receipts to the currency offices, pending their transfer to the Mint for re-coinage.

Statement of shroff-marked, notched, and otherwise defaced silver coin received during 1881-82.

	Shroff-marked.		Notched.		Otherwise defaced.		TOTAL.	
	Rs.	A.	Rs.	A.	Rs.	A.	Rs.	A.
Calcutta	3,793	0	...		...		3,793	0
Allahabad	34,66,760	0	25	0	59	0	34,66,844	0
Lahore	20,74,000	0	...		...		20,74,000	0
Bombay	75,490	8	889	0	294	12	10,40,969	4
Akola	41	0	168	0	25	0	234	0
Nagpur	1,604	0	...		789	0	2,393	0
Kurrachee	2,26,000	0	...		..		2,26,000	0
Madras	5,719	0	4,29,571	2	98,118	12	5,33,408	14
Calicut	5	0	14	0	20	8	39	8
	68,17,707	8	4,30,667	2	99,307	0	73,47,681	10

Allahabad disposed of its shroff-marked coin by sending 12 lakhs to the Calcutta Mint in December, but at the end of the year it held about 27½ lakhs more ready for remittance. Lahore sent 7 lakhs to the Bombay Mint in December and 13 more had in March been transferred to Bombay and was there held in readiness for the Mint. The Kurrachee receipt of Rs. 2,26,000 had also been sent to Bombay.

42. The following statement shews for the year the operation, throughout India, of the clauses of the Coinage Act which empower treasury and other officers to cut and break coin which does not come up to legal standard.

Statement showing the number of coins cut and broken under the Coinage Act in treasuries throughout India during the calender year 1881.

NAME OF PROVINCE.	Number of treasuries in which coins were cut.	Believed to have lost by reasonable wear more than 2 per cent. in weight.				Believed to be counterfeit.				Believed to have been reduced in weight otherwise than by reasonable wear.				Considered unfit for further circulation by reason of obliteration of device, or for other causes.			
		Rs.	½ Rs.	¼ Rs	⅛ Rs.	Rs.	½ Rs.	¼ Rs.	⅛ Rs.	Rs.	½ Rs	¼ Rs.	⅛ Rs.	Rs.	½ Rs.	¼ Rs.	⅛ Rs.
Government of India	5	1,523	158	...	...	30	1	1	..	694	339	287	35	...	..	...	...
Central Provinces	17	4,641	5,794	.	..	48	1	..	1	3,473	11	1	1		...	...	...
British Burma	15	63	..	...	...	623	..	...	..	49	..		...	155	..	...	...
Assam	5	...	...	...	...	106	..	...	...	28		.	..	...	...	...	...
Bengal	44	1,191	32	30	3	1,167	34	11	16	1,265	140	49	29	...		...	..
N. W.-P. and Oudh	42	1,17,730	4,589	.		580	4	5	6	4,575	322	128	178	.	..	...	...
Punjab	29	59,773	6,045	...	...	578	1	...	...	8,003	6	.	...	...	.	...	...
Madras	...	93,489	...	...	..	599	...	...	..	2,195	..	..	..	...	..	..	..
Bombay	19	70,057	4,118	3	1	987	24	7	3	2,566	2	5	3	...	..	..	...
TOTAL	...	3,48,467	20,736	33	4	4,718	65	24	26	22,848	820	470	246	155	.	.	...

The amounts shewn in the first column of the above table were for the most part received at par under the Resolution of September above quoted.

EXCHANGE OF SMALL COIN.

43. The receipts and issues of small change at the currency offices during the year were the following :—

	Receipts.		Issues.		Net Issues.	
	Rs.	A.	Rs.	A.	Rs.	A.
Half Rupees	40,765	8	6,31,444	0	...	
Quarter Rupees	51,327	8	8,55,058	0	...	
One-eighth Rupees	40 900	0	6,53,002	4	...	
Copper	17,714	8	1,05,255	2	...	
Total	1,50,707	8	22,44,759	6	20,94,051	14
Total 1880-81	2,83,819	6	20,19,932	2	17,36,112	12

BULLION.

44. The following figures show the operation of the bullion clauses of the Currency Act, that is, the amount of bullion received by the Mint Masters on account of the currency offices at Calcutta and Bombay, for the issue of certificates payable at the currency offices in notes or coin :—

	Calcutta.			Bombay.		
	Rs.	A.	P.	Rs.	A.	P.
Balance on April 1st, 1881	5,91,939	2	7	19,086	3	6
Receipts of bullion at 979 per mille :—						
April 1881	6,750	2	0	38,580	13	8
May "	1,939	13	0	48,149	14	0
June "	1,31,531	10	0	45,903	7	11
July "	31,385	10	0	29,004	5	11
August "	4,864	5	0	45,393	7	7
September "	1,39,056	10	0	2,48,737	4	0
October "	1,89,025	7	0	2,17,855	6	0
November "	2,54,346	12	0	83,407	15	10
December "	5,151	11	0	14,60,074	14	2
January 1882	11,11,768	8	0	25,60,865	15	7
February "	23,56,951	4	0	41,92,864	1	1
March "	17,50,226	4	0	64,04,479	7	0
Total of 12 months	59,82,998	0	0	1,53,75,317	0	9
Additional, 1 per mille credited on account of melting fees paid out of Currency Reserve	4,645	2	10	9,492	2	8
Total Receipts	59,87,643	2	10	1,53,84,809	3	5
Total Receipts and Balance	65,79,582	5	5	1,54,03,895	6	11
Mint Certificates realised from Treasury	34,77,546	6	4	1,01,21,067	11	0
Balance of Bullion on 31st March 1882 (see para. 19)	31,02,035	15	1	52,82,827	11	11

45. The receipts for the last four years have been—

	Calcutta.	Bombay.	Total.
	Rs.	Rs.	Rs.
1878-79	1,33,83,139	4,64,75,139	5,98,58.279
1879 80	2,06,60,058	7,24,62,053	9,31,22,111
1880-81	56,21,217	2,55,86,599	3,12,07,816
1881-82	59,87,643	1,53,84,809	2,13,72,452

AGENCIES.

46. The following are the transactions at the agencies :—

	No. of Agencies.	Issues of notes.	Receipts of notes.
Agencies of the Calcutta Circle	15	530,500	537,950
" Allahabad Circle	5	72,000	44,000
" Lahore Circle	11	5,788,000	4,523,000
" Bombay Circle	2	844,585	612,000
" Madras Circle	2	331,990	865,990
	35	7,567,075	6,593,440

47. The following are the agencies enumerated in the above figures, the new ones being printed in italics :—

Calcutta Circle.
1. Backergunge.
2. Bhaugulpore.
3. Cachar.
4. Chumparan.
5. Dacca.
6. Darjeeling.
7. Hazareebaugh.
8. Lohardugga.
9. Monghyr.
10. Moorshedabad.
11. Patna.
12. Rajshahye.
13. Sarun.
14. Shillong.
15. Sylhet.

Allahabad Circle.
1. Fyzabad.
2. Meerut.
3. Moradabad.
4. Roorkee.
5. *Agra.*

Lahore Circle.
1. Amritsar.
2. Ferozepore.
3. Kohat.
4. Mooltan.
5. Peshawar.
6. Rawal Pindi.
7. Simla.
8. Umballa.
9. *Bannu.*
10. *Jhelam.*
11. *Dera Ismail Khan.*

Bombay Circle.
1. *Nagpur.*
2. *Akola.*

Madras Circle.
1. *Coconada.*
2. Vizagapatam.

CLAIMS ON LOST NOTES.

48. The following is the statement of lost and mutilated notes paid during the year on bond of indemnity :—

	Nature of Loss.	Number of Notes for Rupees.								Total.	
		5	10	20	50	100	500	1,000	10,000	Number.	Value.
											Rs.
Half Notes	Lost by post	51	205	124	92	135	16	5	.....	628	35,885
	Lost accidentally	47	104	78	66	118	18	4	.....	435	30,935
	Mutilated	14	44	25	3	12	2	2	.....	102	5,360
		112	353	227	161	265	36	11	.....	1,165	72,180
Whole Notes	Lost by post	...	...	...	...	...	...	...	... ..	...	...
	Lost accidentally	...	...	...	...	...	...	...	.....	...	...
	Mutilated	1	1	...	...	3	...	4	.....	9	4,315
		1	1	...	...	3	...	4	.....	9	4,315
Mismatched Notes		111	139	82	9	10	...	...	.....	351	5,035
	Total 1881-82	224	493	309	170	278	36	15	.....	1,525	81,530
	Total 1880-81	422	660	408	210	395	25	17	.....	2,137	96,370
	Total 1879-80	560	884	504	192	369	53	309	4	2,875	4,43,720*

* Excluding the "Vingorla" case, Rs. 3,50,000, the figure would be 93,720.

49. During the year the rules for claims on half-notes were reconsidered and revised. Formerly the claims were advertised in the Gazette, and payment made, on bond of indemnity, after two months' time; but experience led us to the conclusion that claims had been admitted, if not wrongly, at least after insufficient enquiry. We now require no advertisement, but we insist upon the claimant giving us as full evidence of his claim as he can, and if the case is accepted, the payment is ordered to be made at the end of six months if no reason to the contrary appear.

50. In the case of claims on lost notes also, the Government reconsidered its rules. The fact of the destruction being accepted, we used to pay the note, invest the amount in Government Securities, paying the interest on bond of indemnity to the claimant. Now, on the one hand, we admit the claim on the proof of extreme improbability that the note will again turn up, without insisting upon absolute proof of destruction; but, on the other hand, we hold the investment absolutely for twenty years, and then hand it over to claimant with its accrued interest on his giving a bond of indemnity.

51. Since these orders were passed a case has occurred which shows that the protection afforded by the new system is advisable.

FRAUD AND FORGERY.

52. No new cases of forgery or fraud occurred during the year, but two more notes (making 28 in all) of the J—9 series of forgeries (see para. 42 of last year's report) were presented for payment in Madras. This forgery has not yet been traced home to any person.

REMITTANCES.

53. The following are the remittances in actual coin made in the course of operations:—

	Rs.
1. Allahabad to Calcutta	36,66,000
2. Allahabad to Bombay	20,00,000
3. Lahore to Bombay	30,00,000
4. Lahore to Kurrachee and thence to Bombay	40,00,000
5. Madras to Bombay	30,00,000
6. Kurrachee to Bombay, in addition to No. 4	10,26,000
7. Nagpur to Bombay	5,00,000
8. Akola to Bombay.	12,00,000
9. Calicut to Madras	10,00,000

54. Of these, the first one and the last four may be said to have arisen from the obligation resting on each head office to cash the notes of its sub-circles, which obliges it to call in the corresponding coin if it is not able to dispose of it otherwise. The encashments of the head office were very much larger than the above figures, which must be regarded only as the balance which it was found necessary to remit in coin.

55. The large remittances from Lahore to Bombay had for their object the better distribution of coin, both currency and treasury, among the provinces. The Afghan war left us with a large hoard of coin at Lahore, gathered there to meet any emergency that might arise. It was found impossible to draw it away by bills, or by encashing foreign notes, for as soon as it went out into circulation, it was found to come back again in some form or other,—for example, Lahore notes were very largely taken by the public for coin, and remitted to Calcutta. The only way to get rid of the inconvenient accumulation at Lahore was by an actual remittance of coin; and it was sent in large quantities to Bombay, both because our reserves were weakest there, and because the remittance from Kurrachee to Bombay could be made by Government steamer.

56. The twenty lakhs remitted from Allahabad to Bombay was a further supply of the Bombay reserve out of the excess left in the Allahabad office, through large quantities of its notes being taken away for encashment at Calcutta.

57. The remittance, marked No. 5, of 30 lakhs from Madras to Bombay, was rather a treasury than a currency operation, though it was conducted by the Currency Department.

58. The remittance from Allahabad to Calcutta was made to serve the double purpose of adjusting the coin reserves, and removing from Allahabad to the Mint the shroff-marked and other defective rupees gathered in the North-West; that is, instead of making the remittance in good coin, it was made in coin which was intended to be immediately passed through the Mint. The same remark applies, in a less degree to the remittances from Lahore and Kurrachee to Bombay.

TREASURY STATISTICS.

59. The transactions in notes at the several treasuries in India during 1879-80, 1880-81 and 1881-82 have been as follows:—

	1879-80.	1880-81.	1881-82.
	Rs.	Rs.	Rs.
Receipts from the public in payment of Government dues.	4,65,63,395	7,96,68,115	8,00,32,905
Do. from the public in exchange for silver . .	2,90,69,610	3,84,21,600	3,21,81,910
Do. from the public for other notes . . .	14,68,010	90,82,085	32,39,375
TOTAL RECEIPTS .	7,71,01,015	12,71,71,800	11,54,54,190
Issues to the public in payment of Government dues .	2,59,43,650	4,01,75,835	3,31,34,065
Do. to the public in exchange for silver . . .	3,16 64,455	4,09,53,405	2,91,08,445
Do. to the public for other notes	14,68,010	90,82,085	32,39,375
TOTAL ISSUES .	5,90,76,115	9,02,11,325	6,54,81,885

60. The total transactions in notes during the last three years have been as follows (in lakhs of Rupees):—

	1879-80.	1880-81.	1881-82.
Government of India	74	263	172
Lower Bengal	429	426	484
Assam	43	44	51
North-Western Provinces and Oudh	108	297	173
Punjab	242	646	328
Madras	270	286	268
Bombay	142	150	258
Central Provinces	25	28	45
British Burma	14	14	9
Hyderabad	14	19	21
TOTAL . .	1,361	2,173	1,809

61. Statement IV classifies the Treasuries of the Government of India as follows:—

	1879-80.	1880-81.	1881-82.
Where notes were cashed throughout the year to the extent of the public demand	97	135	155
Where notes were ordinarily cashable, but not always . . .	70	56	30
Where notes were not usually cashable	38	19	20
TOTAL NO. . .	205	210	205

62. Statement V shows the proportion of Treasury and Bank balances which in each province was held in the form of currency notes. The state of the reserve treasuries greatly affects the comparisons in this statement. On December 31st, 1880, they held only 23 lakhs of notes and 52 of coin; on the same date in 1881, they held 142 of notes and 105 of coin.

RECEIPTS AND EXPENDITURE.

63. The receipts and expenditure of the Department is set forth in statement III. They can at present be stated only as approximate figures. I have no correction to report in the figures given under this head in last year's report; that is, though they were then given as only approximate, they were quite correct.

CONCLUSION.

64. I take the opportunity afforded by the re-arrangement of the circles of currency to shew the past history of the Department and of the circulation, in two statements which I have numbered VIII and IX.

STATEMENTS.

No.

STATEMENT of the value of Government Currency Notes in

Date.	Calcutta. Value of Notes in circulation.	Calcutta. Monthly increase + or decrease—.	Allahabad. Value of Notes in circulation.	Allahabad. Monthly increase + or decrease—.	La[illegible] Value of Notes in circulation.
	Rs.	Rs.	Rs.	Rs.	Rs.
March 1881	6,56,54,080		66,76,275		86,51,960
April "	† 5,97,24,680	— 59,29,400	49,01,735	— 17 74,540	96,02,485
May "	6,00,41,115	+ 3,16,435	† 40,60,575	— 8,41,160	* 97,81,405
June "	6,39,18,685	+ 38,77,570	51,34,420	+ 10,73,845	91,84,770
July "	6,52,70,425	+ 13,51,740	47,24,420	— 4,10,000	88,83,610
August "	6,73,68,235	+ 20,97,810	67,38,185	+ 20,13,765	77,80,205
September "	6,28,24,975	— 45,43,260	84,44,655	+ 17,06,470	78,62,325
October "	6,39,25,390	+ 11,00,415	68,82,320	— 15,62,335	74,07,620
November "	6,30,19,845	— 9,05,545	83,43,330	+ 14,61,010	74,15,845
December "	6,35,57,335	+ 5,37,490	82,03,775	— 1,39,555	75,23,070
January 1882	6,54,53,210	+ 18,95,875	98,68,925	+ 16,65,150	74,10,640
February "	6,86,79,995	+ 32,26,785	* 1,06,76,130	+ 8,07,205	† 73,41,255
March "	* 6,88,04,550	+ 1,24,555	86,57,430	— 20,18,700	73,95,105
Total	77,25,88,440	...	8,66,35,900	...	9,75,88,365
					Average for each
1862-63	2,42,30,000	.....	...	.....	...
1863-64	2,40,50,000	.....	...	.....	...
1864-65	2,80,55,141	.....	11,39,468	.....	7,81,033
1865-66	2,90,43,282	.....	25,51,730	.....	29,51,182
1866-67	2,83,91,438	.....	25,93,184	.....	25,00,558
1867-68	2,93,11,382	.....	32,48,513	.....	24,05,652
1868-69	3,96,45,643	.....	33,74,186	.....	25,81,546
1869 70	4,14,57,428	.....	30,97,881	.....	22,52,897
1870-71	3,50,93,392	.....	41,34,122	.....	26,74,301
1871-72	4,30,33,469	.....	38,10,324	.....	52,34,625
1872-73	4,78,04,952	.....	52,18,260	.....	47,59,828
1873-74	4,70,29,742	.....	73,86,899	.....	47,77,161
1874-75	4,84,38,619	.....	62,57,664	.....	53,43,460
1875-76	4,93,96,846	.....	69,97,957	.....	66,21,276
1876-77	4,99,71,204	.....	72,07,479	.....	62,40,332
1877-78	6,13,25,010	.....	54,65,639	.....	54,70,648
1878-79	6,43,65,560	.....	63,73,527	.....	48,60,418
1879-80	6,26,55,985	.....	47,91,777	.....	65,49,450
1880-81	6,54,05,717	.....	53,48,142	.....	92,54,536
1881-82	6,43,82,370	.....	72,19,658	.....	81,32,364
Increase + or decrease — in 1881-82 as compared with 1880-81	— 10,23,347	.....	+ 18,71,516	.....	— 11,22,172
Percentage on average circulation 1880-81	— 1·564	.....	+ 34·993	.....	— 12·126

	Kurrachee.		Madras.		Cal[illegible]
March 1881	34,34,805		1,19,55,295		17,78,450
April "	33,63,280	— 71,525	1,36,16,150	+ 16,60,855	16,06,520
May "	31,73,800	— 1,89,480	1,22,14,410	— 14,01,740	15,58,995
June "	34,13,055	+ 2,39,255	† 1,13,29,350	— 8,85,060	17,27,490
July "	39,31,835	+ 5,18,780	1,25,06,155	+ 11,76,805	14,59,450
August "	31,66,335	— 7,65,500	1,28,87,025	+ 3,80,870	12,66,650
September "	34,41,975	+ 2,75,640	1,23,19,510	— 5,67,515	13,47,935
October "	32,40,455	— 2,01,520	1,18,96,805	— 4,22,705	† 11,34,725
November "	32,68,570	+ 28,115	1,21,91,990	+ 2,95,185	17,09,125
December "	* 40,07,005	+ 7,38,435	1,29,42,375	+ 7,50,385	* 20,11,785
January 1882	30,44,245	— 9,62,760	1,19,08,300	— 10,34,075	16,90,045
February "	† 28,40,845	— 2,03,400	1,35,61,435	+ 16,53,135	16,01,985
March "	30,73,210	+ 2,32,365	* 1,48,10,605	+ 12,49,170	13,17,300
Total	3,99,64,610	...	15,21,84,110	...	1,84,27,005
					Average for each
1862-63	...	.....	41,35,714	.....	...
1863-64	...	.....	66,50,000	.....	...
1864-65	...	.....	61,26,510	.....	61,755
1865-66	9,08,721	.....	59,31,192	.....	4,21,160
1866-67	10,13,765	.....	64,40,709	.....	5,54,549
1867-68	15,90,835	.....	59,18,235	.....	5,56,109
1868-69	19,67,010	.....	66,47,963	.....	8,16,466
1869-70	24,73,060	.....	66,99,461	.....	7,70,240
1870-71	22,59,591	.....	84,15,043	.....	8,63,419
1871-72	22,33,014	.....	1,07,26,263	.....	11,96,538
1872-73	20,30,310	.....	1,02,39,740	.....	18,10,467
1873-74	21,97,823	.....	1,14,85,587	.....	22,08,618
1874-75	17,28,919	.....	86,67,423	.....	21,48,859
1875-76	17,87,612	.....	1,03,00,667	.....	25,38,768
1876-77	18,40,533	.....	1,15,28,764	.....	20,86,198
1877-78	21,98,696	.....	1,51,40,138	.....	21,89,267
1878-79	25,13,693	.....	1,27,31,634	.....	17,66,917
1879-80	26,72,268	.....	1,19,00,973	.....	18,00,536
1880-81	34,61,504	.....	1,23,49,075	.....	14,78,377
1881-82	33,30,384	.....	1,26,82,009	.....	15,35,584
Increase + or decrease — in 1881-82 as compared with 1880-81.	— 1,31,120	.....	+ 3,32,934	.....	+ 57,207
Percentage on average circulation 1880-81	— 3·788	.....	+ 2·696	.....	+ 3·869

* Highest.

I.

circulation throughout India during 1881-82 and previous years.

HORE.	BOMBAY.		AKOLA.		NAGPORE.	
Monthly increase + or decrease —.	Value of Notes in circulation.	Monthly increase + or decrease —.	Value of Notes in circulation	Monthly increase + or decrease —.	Value of Notes in circulation.	Monthly increase + or decrease —.
	Rs. 3,13,50,105	Rs.	Rs. 17,06,840	Rs.	Rs. 14,25,980	Rs.
+ 9,50,525	† 3,09,52,875	— 3,97,230	17,26,860	+ 20,020	13,61,695	— 64,285
+ 1,78,920	3,37,83,790	+ 28,30,915	* 22,48,375	+ 5,21,515	16,15,885	+ 2,54,190
— 5,96,635	3,65,35,545	+ 27,51,755	22,45,855	— 2,520	19,71,850	+ 3,55,965
— 3,01,130	3,72,35,165	+ 6,99,620	22,30,700	— 15,155	* 23,46 040	+ 3,74,190
— 11,03,435	*3,97,17,340	+ 24,82,175	9,73,250	— 12,57,450	15,62.895	— 7,83,145
+ 82,120	3,71,15,835	— 26,01,505	5,34,480	— 4,38,770	11,31,240	— 4,31,655
— 4,54,705	3,77,93,305	+ 6,77,470	4,54,275	— 80,205	8,43,650	— 2,87,590
+ 8,225	3,34,52,355	— 43,40,950	3,24,055	— 1,30 220	7,30,025	— 1,13,625
+ 1,07,225	3,22,32,040	— 12,20,315	2,57,350	— 66,705	4,60,610	— 2,69,415
— 1,12,430	3,37,68,255	+ 15,36,215	2,07,360	— 49,990	3,17,075	— 1,43,535
— 69,385	3,20,30,695	— 17,37,560	† 1,77,300	— 30,060	† 2,70,910	— 46,165
+ 53,850	3,50,13,580	+ 29,82,885				
	41,96,30,780		1,13,79,860		1,26,11,875	
year from 1862-63.						
.....	1,58,28,571	.....	.....	.....	.....	
.....	2,07,25,000	.....	.....	.....	.....	
.....	3,22,83,334	.....	.....	.....	3,17,624	
.....	3,34,50,583	.....	.....	.....	16,05,322	
.....	4,69,74,592	.....	.....	.....	10,67,343	
.....	4,73,94,992	.....	.....	.....	21,23,967	
.....	4,31,09,954	.....	96,208	.....	27,42,508	
.....	4,57,24,905	.....	10,14,162	.....	25,54,187	
.....	3,88,07,454	.....	20,92,853	.....	34,50,787	
.....	4,14,52,324	.....	32,67,268	.....	30,16,843	
.....	5,15,90,469	.....	15,56,326	.....	31,66,639	
.....	3,00,27,409	.....	21,20,383	.....	31,89,530	
.....	3,04,95,336	.....	9,25,017	.....	13,74,021	
.....	3,01,31,732	.....	12,67,031	.....	19,02,068	
.....	3,29,42,099	.....	11,00,218	.....	13,68,476	
.....	3,72,82,074	.....	9,24,954	.....	8,91,702	
.....	3,34,50,668	.....	16,55,254	.....	16,73,062	
.....	3,25,36,423	.....	19,79 991	.....	20,03,965	
.....	3,33,77,982	.....	23,42,395	.....	24,34,121	
.....	3,49,69,232	.....	9,48,322	.....	10,50,989	
.....	+ 15,91,250	.....	— 13,94,073	.....	— 13,83,132	
.....	+ 4·767	.....	— 59·515	.....	— 56·822	

ICUT.	COCONADA.		TOTAL.	
	13,83,575		13,40,17,365	
— 1,71,930	17,02,015	+ 3,18,440	† 12,85,58,295	— 54,59,070
— 52,525	16,25,840	— 76,175	13,00,99,190	+ 15,40,895
+ 1,73,495	17,42,285	+ 1,16,445	13.72,03,305	+ 71,04,115
— 2,68,040	* 18,39,995	+ 97,710	14.04.27,825	+ 32,24,520
— 1,92,800	7,95,845	— 10,44,150	* 14,22,55,965	+ 18,28,140
+ 81,285	4 53,800	— 3,42,045	13,54,76,730	— 67,79,235
— 2,13,210	3,32,670	— 1,21,130	13,39,11,215	— 15,65,515
+ 5,74,400	2,91,205	— 41,465	13,07,46,345	— 31,64,870
+ 3,02,660	2,79,170	— 12,035	13,14.74,515	+ 7,28,170
— 3,21,740	2,45,390	— 33,780	13,39,13,445	+ 24,38,930
— 88,060	† 2,35,745	— 9,645	13,74,16,295	+ 35,02,850
— 2,84,685			13,90,71,780	+ 16,55,485
	95,43,960		1,62,05,54,905	.....
year from 1862-63.				
.....	.....	.....	4,41,04,285	
.....	.....	.....	5,23,25,000	
.....	55,251	.....	6,88,20,116	
.....	3,75,811	.....	7,72,57,983	
.....	3,57,041	.....	8,98,93,179	
.....	3,01,163	.....	9,28,50,848	
.....	4,78,843	.....	10,14.55,327	
.....	3,46,556	.....	10,66,90,777	
.....	3,41,278	.....	9,81,32,240	
.....	3,36,779	.....	11,41.57,442	
.....	4 63,376	.....	12,86,40,367	
.....	7,28,755	.....	11,14,51,907	
.....	13,24,753	.....	10,67,04,071	
.....	25,82,664	.....	11,35,26,621	
.....	21,31,285	.....	11,64,16,538	
.....	16,14,344	.....	13,25,02,472	
.....	25,14,351	.....	13,19,05,084	
.....	10,91,665	.....	12,79,83,033	
.....	11,77,505	.....	13,66,29,354	
.....	7,95,330	.....	13,50,46,242	
.....	— 3,82,175	.....	— 15,83,112	
.....	— 32·456	.....	— 1·151	

† Lowest.

No.

STATEMENT of Notes issued,

Circles.	Nature of work.	5 Rupees.		10 Rupees.		20 Rupees.		50
		No.	Value.	No.	Value.	No.	Value.	No.
			Rs.		Rs.		Rs.	
Calcutta	Notes issued	373,382	18,66,910	1,663,907	1,66,39,070	692,910	1,38,58,200	136,805
Allahabad	"	9,960	49,800	19,575	1,95,750	15,778	3,15,560	14,241
Lahore	"	23,973	1,19,865	68,522	6,85,220	44,512	8,90,240	31,874
Bombay	"	239,342	11,96,710	809,411	80,94,110	132,581	26,51,620	87,369
Akola	"	1,339	6,695	2,029	20,290	1,566	31,320	1,284
Nagpur	"	1,497	7,485	2,010	20,100	1,740	34,800	1,807
Kurrachee	"	6,778	33,865	23,084	2,30,840	11,032	2,20,640	6,815
Madras	"	78,929	3,94,645	149,703	14,97,030	91,042	18,20,840	65,056
Calicut	"	12,062	60,310	15,441	1,54,410	8,921	1,78,420	7, 49
Coconada	"	340	1,700	690	6,900	936	18,720	2, 53
Total	...	747,597	37,37,985	2,754,372	2,75,43,720	1,001,018	2,00,20,360	355,053
Percentage on total issues.	...	12·32	...	45·40	...	16·5	..	5·85
	...	...	·52	...	3·84	...	2·79	...
Calcutta	Notes received.	349,182	17,45,910	1,611,684	1,61,16,840	703,925	1,40,78,500	138,255
Allahabad	"	11,088	55,440	18,537	1,85,370	15,868	3,17,360	14,630
Lahore	"	25,729	1,28,645	75,761	7,57,610	51,950	10,39,000	38,571
Bombay	"	219,335	10,96,675	758,846	75,88,460	136,276	27,25,520	86,567
Akola	"	2,457	12,285	3,710	37,100	3,041	60,820	2,498
Nagpur	"	2,541	12,705	3,304	33,040	2,999	59,980	2,730
Kurrachee	"	5,822	29,110	22,526	2,25,260	10,295	2,05,900	5,730
Madras	"	76,111	3,80,555	146,892	14,68,920	86,881	17,37,620	62,396
Calicut	"	11,567	57,835	15,173	1,51,730	9,087	1,81,740	7,119
Coconada	"	2,471	12,355	2,829	28,290	2,590	51,800	3,562
Total	...	706,303	35,31,515	2,659,262	2,65,92,620	1,022,912	2,04,58,240	362,058
Percentage on total receipts.	...	11·86		44·66	...	17·18	...	6·08
	...	...	·49	...	3·74	...	2·88	...
Calcutta	Notes cancelled.	243,256	12,16,280	921,227	92,12,270	357,212	71,44,240	90,707
Allahabad	"	10,339	51,695	17,261	1,72,610	14,979	2,99,580	14,025
Lahore	"	13,709	68,545	44,612	4,46,120	33,430	6,68,600	27,252
Bombay	"	155,425	7,77,125	508,949	50,89,490	96,647	19,32,940	62,282
Akola	"	3,340	16,700	4,574	45,740	3,890	77,800	3,095
Nagpur	"	3,377	16,885	4,216	42,160	3,932	78,640	3,648
Kurrachee	"	5,496	27,480	20,279	2,02,790	8,912	1,78,240	5,339
Madras	"	66,291	3,31,455	127,384	12,73,840	72,451	14,49,020	46,516
Calicut	"	10,680	53,400	13,715	1,37,150	8,150	1,63,000	6,011
Coconada	"	3,507	17,535	3,914	39,140	2,848	56,960	3,524
Total	...	515,420	25,77,100	1,666,131	1,66,61,310	6,02,451	1,20,49,020	262,399
Percentage on total cancellation.	...	13·36	...	43·21	...	15·63	...	6·81
	...	...	·67	...	4·39	...	3·17	...
Percentage on total cancellation on receipts.	...	72 97	...	62·65	...	58·88	...	72·47

Abstract of all Circles

Year.	Notes Issued.	
	No.	Value.
		Rs.
1861-62	367,200	4,20,00,000
1862-63	295,015	2,52,55,500
1863-64	336,201	4,72,01,000
1864-65	598,260	4,53,00,110
1865-66	960,150	10,10,04,920
1866-67	1,068,688	26,80,12,150
1867-68	2,790,745	33,06,49,710
1868-69	3,117,050	44,00,73,020
1869-70	3,396,828	49,34,48,480
1870-71	3,855,477	56,63,62,620
1871-72	4,045,118	62,25,21,200
1872-73	4,480,446	57,39,09,525
1873-74	4,915,365	61,69,24,575
1874 75	5,145,682	68,25,78,760
1875-76	5,325,790	62,69,70,815
1876-77	5,777,514	78,77,51,185
1877-78	6,251,704	99,52,50,980
1878-79	5,853,587	86,09,06,030
1879-80	6,252,415	81,51,93,855
1880-81	6,731,153	85,23,94,490
1881-82	6,066,875	71,68,22,915

II.

received, and cancelled during 1881-82.

Rupees.	100 Rupees.		500 Rupees.		1,000 Rupees.		10,000 Rupees.		Total.	
Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.
Rs.		Rs.		Rs.		Rs.		Rs.		
68,40,250	324,790	3,24,79,000	75,833	3,79,16,500	203,783	20,37,83,000	4,677	4,67,70,000	3,476,087	36,01,52,930
7,12,050	21,302	21,30,200	3,104	15,52,000	23,969	2,39,69,000	143	14,30,000	108,072	3,03,54,360
15,93,700	32,752	32,75,200	14,750	73,75,000	15,011	1,50,11,000	484	48,40,000	231,878	3,37,90,225
43,68,450	163,681	1,63,68,100	12,591	62,95,500	64,069	6,40,69,000	9,292	9,29,20,000	1,518,336	19,59,63,490
64,200	487	48,700	267	1,33,500	316	3,16,000	82	8,20,000	7.370	14,40,705
90,350	2,401	2,40,100	286	1,43,000	778	7,73,000	140	14,00,000	10,654	27,08,835
3,40,750	8,209	8,20,900	1,234	6,17,000	6,250	62,50,000	1	10,000	63,398	85,23,995
32,52,800	152,076	1,52,07,600	27,714	1,38,57,000	19,477	1,94,77,000	1,941	1,94,10,000	585,938	7,49,16,915
3,77,450	13,243	13,24,300	787	3,93,500	762	7,62,000	388	38,80,000	59,153	71,30,390
1,12,650	1,176	1,17,600	199	99,500	274	2,74,000	121	12,10,000	5,989	18,41,070
1,77,52,650	720,117	7,20,11,700	136,765	6,83,82,500	334,684	33,46,84,000	17,269	17,26,90,000	6,066,875	71,68,22,915
...	11·87	...	2·25	...	5·52	...	·29	...	100°	...
2·48	...	10·05	...	9·54	...	46·69	...	24·09	...	100°
69,12,750	318,343	3,18,34,300	75,645	3,78,22,500	207,815	20,78,15,000	4,071	4,07,10.000	3,408,920	35,70,35,800
7,31,500	20,884	20,88,400	3,455	17,27,500	21,142	2,11,42,000	161	16,10,000	105,765	2,78,57,570
19,28,550	38,202	38,20,200	14,135	70,67,500	14.406	1,44,06,000	538	53,80,000	259,292	3,45,27,505
43,28,350	160,754	1,60.75,400	12,685	63.42,500	65,409	6,54,09,000	8,914	8,91,40,000	1,448,786	19,27,05,905
1,24,900	1,824	1,82,400	504	2,52,000	776	7,76,000	142	14,20,000	14,952	28,65,505
1,36,500	3,644	3,64,400	362	1,81,000	840	8,40,000	204	20,40,000	16,624	36,67,625
2,86,500	7,867	7,86,700	1,303	6,51,500	6,322	63,22,000	34	3,40,000	59,899	88,46,970
31,19,800	146,441	1,46,44,100	27,017	1,35.08,500	19,765	1,97,65,000	1,802	1,80,20,000	567,305	7,26,44,495
3,55,950	12,577	12,57,700	759	3,79,500	743	7,43,000	435	43,50,000	57,460	74.77,455
1,78,100	2,568	2,56,800	380	1,90,000	421	4,21,000	193	19,30,000	15,014	30,68,345
1,81,02,900	713,104	7,13,10,400	136,245	6,81,22,500	337,639	33,76,39,000	16,494	16,49,40,000	5,954,017	71,06,97,175
...	11·98	...	2·29	...	5·67	...	·28	...	100°	...
2·55	...	10·03	...	9·59	...	47·51	...	23·21	...	100°
45,35,350	219,427	2,19,42,700	50,643	2,53,21,500	104,333	10,43,33,000	611	61,10,000	1,987,416	17,98,15,300
7,01,250	19,624	19,62,400	2,748	13,74,000	19,194	1,91,94,000	108	10,80,000	98,278	2,48,35,535
18,62,600	27,611	27,61,100	11,330	56,65,000	11,739	1,17,39,000	247	24,70,000	169,930	2,51,80,965
31,14,100	103,747	1,03,74,700	9,149	45,74,500	35,764	3,57,64,000	2,111	2,11,10,000	974,074	8,27,36,855
1,54,750	2,188	2,18,800	546	2,73,000	764	7,64,000	174	17,40,000	18,571	32,90,790
1,82,400	4,219	4,21,900	384	1,92.000	801	8,01,000	164	16,40,000	20,741	33,74,985
2,66,950	7,029	7,02,900	1,256	6,28,000	3.790	37,90,000	34	3,40,000	52,135	61,36,360
23,25,800	123,034	1,23,03,400	19,369	96,84,500	10,578	1,05,78,000	655	65,50,000	466,278	4,44,96,015
3,00,550	10,812	10,81,200	502	2,51,000	325	3,25,000	407	40,70,000	50,602	63,81,300
1,76,200	2,693	2,69,300	372	1,86,000	468	4,68,000	204	20,40,000	17,530	32,53,135
1,31,19,950	520,384	5,20,38,400	96,299	4,81,49,500	187,756	18,77,56,000	4,715	4,71,50,000	3,855,555	37,95,01,280
...	13·50	...	2·50	...	4·87	...	·12	...	100°	...
3·46	...	13·71	...	12·69	...	49·48	...	12·43	...	100°
...	72·97	...	70·68	...	55·60	...	28·58	...	64·75	53·39

from 1861-62 to 1881-82.

Notes received.		Notes cancelled.	
No.	Value.	No.	Value.
	Rs.		Rs.
2,000	10,00,000	.....	.....
82,820	1,49,55,500	52,520	1,10,05,500
248,582	4,17,01,000	240,478	3,74,51 000
253,708	3,37,69,900	214,290	3,15,66,660
854,111	9,98,39,180	386,174	3,90 71,620
1,917,381	25,36,97,220	835,631	7,50 95,040
2,424,319	30,72,64,270	998,679	10,85,26,500
2,936,353	44,69,90,180	1,553,433	14,25,85,600
3,353,591	48,70,24,340	1,906,794	22,30.04,250
3,728,082	56,66,28,810	2,005,842	24,79,56,750
3,813,861	60.48,10,940	1,894,516	25,64,60,160
4,194,129	59,96,88,825	2,150,039	25,00,27,590
4,620,018	62,64,55,900	2,565,890	26,20,42,890
4,762,530	63,66,57,570	3,094,083	28,68,65,125
5,269,541	62,17,81,655	3,500,318	29,62,56,840
5,702,046	77,87,26,475	3,661,384	37,89,18,425
6,320,202	96,25,97,735	4,399,755	45,50,76,735
6,036,955	90,75,19,920	4,115,911	42,84,16,310
6,067,688	80,79,23,265	3,889,150	35,31,49,630
6,625,315	84,04,84,390	4,172,534	38,61,13,350
5,954,017	71,06,97,175	3,855,555	37,95,01,280

No.

STATEMENT of Receipts and Expenditure of the Department of

	Calcutta.	Allahabad.	Lahore.	Bombay.
RECEIPTS.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
1881-82. Interest realized on Government Securities	12,64,064 4 11	85,941 0 0	1,55,377 0 0	6,55,113 0 0
SUNDRY CASH RECEIPTS.				
Miscellaneous	153 7 3	7 4 0	80 13 6	75 9 10
Premium realized on Bills	1,625 0 0	.....	.....	.....
Value of unclaimed Currency Notes	.....	.....	174 6 0	.....
TOTAL RECEIPTS DURING 1881-82	12,65,842 12 2	85,948 4 0	1,55,632 3 6	6,55,188 9 10
DISBURSEMENTS.				
Salaries	22,500 0 0	.....	4,533 5 4	9,618 9 1
Establishment	5,947 10 5	10,901 12 10	9,030 1 3	48,401 11 6
Temporary Establishment	7,470 4 6	1,245 0 0	.....	1,374 4 8
Charges for remittances	356 15 0	8,152 13 3	.....	946 5 11
Stationery	2,166 9 0	8 13 0	.....	125 7 7
Printing Charges	1,242 12 6	.....	325 7 0	758 11 4
Service Telegrams	306 4 0	9 4 0	138 [illegible] 0	202 8 0
Purchase of Service Stamps	429 15 0	185 7 0	198 1 6	355 0 0
House, Lighting, Police and Water-Rate	4,500 0 0	.....	93 6 9	44 0 0
Cost of Note Forms	45,290 9 4	.....	.....	.....
One-third Freight on Europe Stores	.....	.....	.....	5 2 0
Pensions and Gratuities	1,213 0 0	.....	720 0 0	217 11 0
Cost of Repairs on Currency Buildings	790 0 0	.....	402 9 10	532 4 7
Cost of Chests, Bags, and Locks	7 0 0	468 12 0	279 8 0	.....
Contingencies	2,463 0 6	732 9 3	514 6 1	2,449 2 6
Travelling Allowances	.....	.....	.....	.....
Dead Stock, Cost of Office Furniture	33 0 0	50 10 6	1,247 2 0	57 8 0
Compensation for Dearness of Provisions	.....	.....	.....	.....
Discount on Bills	.....	.....	.....	.....
Commission, &c., for selling Government Securities	.....	.....	.....	.....
TOTAL DISBURSEMENTS DURING 1881-82.	1,48,717 0 3	21,755 1 1	17,482 14 9	65,088 6 2
PROFIT	11,17,125 11 11	64,193 2 2	1,38,149 4 9	5,90,100 3 8

III.

Issue of Paper Currency for the year 1881-82.

Akola.	Nagpur.	Kurrachee.	Madras.	Calicut.	Coconada.	TOTAL.
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
3,753 0 0	7,534 0 0	60,126 0 0	2,39,784 0 0	24,016 0 0	4,990 0 0	24,98,898 4 11
116 2 1	.....	.....	351 7 5	.....	.....	784 12 1
.....	.....	.....	132 8 0	.....	.....	1,757 8 0
.....	.....	.....	1,385 0 0	.....	.....	1,559 6 0
3,869 2 1	7,534 0 0	60,126 0 0	2,41,652 15 5	24,016 0 0	4,990 0 0	25,02,999 15 0
1,100 0 0	.....	1,200 0 0	.....	1,200 0 0	990 5 1	41,142 3 6
2,661 2 0	5,236 0 0	4,474 14 10	17,427 5 11	3,248 8 0	2,374 12 0	1,63,703 14 5
19 0 0	.....	.....	.....	.....	.....	10,108 9 2
1,602 3 6	711 3 0	1,234 14 6	5,356 2 2	1,294 1 9	139 0 2	19,793 11 3
12 15 0	.....	.....	438 11 8	.....	.....	2,752 8 3
.....	10 8 3	.....	413 6 0	.....	.....	2,750 13 1
21 2 0	19 9 0	124 13 0	157 9 0	101 14 0	184 2 0	1,266 0 0
30 7 0	50 10 6	195 1 0	188 6 6	85 1 0	45 0 0	1,763 1 6
.....	36 4 0	.....	.....	.....	.....	4,673 10 9
.....	.....	.....	10,663 8 8	1,699 12 8	30 12 0	57,684 10 8
.....	.....	.....	3 4 7	.....	.....	8 6 7
333 0 2	.....	.....	746 13 0	.....	.....	3,230 8 2
1,500 15 0	.....	.....	207 4 9	.....	.....	3,433 2 2
.....	.....	.....	1,497 11 6	33 8 6	189 8 0	2,476 0 [illegible]
69 9 0	289 3 9	433 5 0	799 10 7	112 0 6	43 11 0	7,906 10 2
.....	.....	.....	54 8 8	53 5 8	.....	107 14 4
3 14 0	.....	40 4 0	528 8 1	.....	.....	1,960 14 7
.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....
7,354 3 8	6,353 6 6	7,703 4 4	38,482 15 1	7,828 4 1	3,997 2 3	3,24,762 10 11
—3,485 1 7	—619 6 6	52,422 11 8	2,03,170 0 4	16,187 11 11	992 13 9	21,78,237 4 1

No. III—
ABS

	Calcutta.			
	Calcutta.	Allahabad.	Lahore.	Bombay
RECEIPTS.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
In 1861-62	...	...	...	...
„ 1862-63	1,52,316 10 2	...	...	...
„ 1863-64	3,27,731 5 4	...	...	...
„ 1864-65	9,69,318 4 4	...	...	5,11,746 13 6
„ 1865-66	6,05,285 1 8	46,281 6 0	31,484 2 0	7,95,109 3 8
„ 1866-67	6,91,286 13 6	49,784 0 0	31,517 0 0	7,18,935 2 1
„ 1867-68	5,32,863 9 9	45,617 9 4	28,944 4 9	5,69,836 0 4
„ 1868-69	5,81,265 0 9	49,442 8 3	37,827 13 5	6,31,607 5 10
„ 1869-70	6,50,288 12 3	48,310 9 8	35,133 4 11	7,13,353 15 0
„ 1870-71	5,36,277 7 6	62,787 2 7	40,616 1 1	5,89,570 14 9
„ 1871-72	5,38,378 2 9	45,512 7 6	65,087 5 3	5,15,531 10 6
„ 1872-73	8,91,423 8 3	96,879 10 9	88,368 10 6	9,57,835 13 0
„ 1873-74	10,04,194 6 0	1,56,749 4 0	1,01,370 14 0	6,37,189 0 6
„ 1874-75	11,87,241 11 6	89,036 0 0	1,10,593 7 3	6,41,707 6 4
„ 1875-76	10,92,800 4 6	1,13,676 0 0	1,28,291 10 9	6,47,519 6 6
„ 1876-77	10,74,581 8 0	1,09,322 0 0	1,34,781 10 0	6,66,207 13 8
„ 1877-78	11,80,679 7 8	1,12,726 0 0	1,11,997 10 9	6,34,205 12 10
„ 1878-79	12,35,775 6 10	85,487 2 0	94,621 11 0	6,23,910 0 4
„ 1879-80	13,93,856 3 11	99,873 6 0	1,31,198 12 3	7,19,666 3 3
„ 1880-81	12,55,051 0 0	89,304 0 0	1,69,020 0 0	6,12,[illegible] 0 0
„ 1881-82	12,65,842 12 2	85,948 4 0	1,55,632 3 6	6,55,188 9 10
TOTAL	1,71,66,457 8 10	13,86,737 6 1	14,96,486 9 5	1,18,72,041 3 11
DISBURSEMENTS.				
In 1861-62	2,639 2 7	...	...	2,494 10 0
„ 1862-63	3,06,205 8 3	...	...	1,73,[illegible]6 6 6
„ 1863-64	1,40,049 4 11	...	...	1,66,7[illegible]0 11 11
„ 1864-65	34,145 8 6	20,329 12 2	17,539 13 [illegible]	2,51,236 0 9
„ 1865-66	4,00,080 5 2	17,824 12 9	21,500 13 3	2,92,133 5 10
„ 1866-67	5,27,735 4 11	13,488 3 2	16,999 6 3	3,47,1[illegible]0 13 10
„ 1867-68	90,086 0 0	17,230 12 10	20,862 13 7	1,15,487 13 4
„ 1868-69	5,71,781 12 9	14,792 14 4	15,285 6 4	[illegible]6,392 7 9
„ 1869-70	99,909 12 7	14,991 8 11	16,687 14 6	92,574 9 9
„ 1870-71	1,30,679 3 7	15,505 1 4	13,726 6 9	1,09,434 15 1
„ 1871-72	1,02,321 6 2	14,457 12 6	19,870 1 1	89,472 15 7
„ 1872-73	1,27,751 14 3	20,576 5 10	11,243 6 6	86,696 2 0
„ 1873-74	1,05,462 14 5	51,683 12 7	14,189 4 7	1,37,043 5 9
„ 1874-75	1,36,395 6 10	21,920 7 4	22,072 3 8	1,32,673 5 1
„ 1875-76	1,26,771 7 8	44,446 5 4	13,937 10 8	88,355 6 10
„ 1876-77	1,47,884 0 11	19,322 1 0	10,443 14 9	75,122 12 10
„ 1877-78	1,82,693 11 4	13,346 14 3	18,415 5 1	2,11,253 11 7
„ 1878-79	2,38,041 12 0	16,616 9 5	14,376 5 0	1,77,657 2 0
„ 1879-80	1,41,472 1 5	14,744 12 3	15,0[illegible]4 15 6	88,[illegible]3 0 5
„ 1880-81	1,21,867 0 0	14,910 0 0	14,851 0 0	70,883 0 0
„ 1881-82	1,48,717 0 3	21,755 1 10	17,482 14 9	65,088 6 2
TOTAL	39,42,690 10 6	3,67,943 3 10	2,94,559 11 3	28,70,251 3 0
PROFIT	1,33,23,766 14 4	10,18,794 2 3	12,01,926 14 2	90,01,790 0 11

concluded.

TRACT.

Bombay.			Madras.			Total.
Akola.	Nagpur.	Kurrachee.	Madras.	Calicut.	Coconada.	
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
...	...	...	...	...	...	...
...	...	...	...	...	...	1,52,316 10 2
...	...	...	...	...	...	3,27,731 5 4
...	...	...	1,73,913 14 10	...	...	16,54,979 0 8
...	24,409 0 7	4,637 7 9	1,64,649 0 10	3,268 2 0	3,268 2 0	16,78,391 10 6
...	24,661 0 0	23,870 0 0	1,13,995 11 4	4,400 0 0	4,400 0 0	16,62,849 10 11
...	22,653 15 1	20,677 12 5	1,16,947 14 6	4,137 1 3	4,137 1 3	13,45,815 4 8
1,409 12 0	40,186 7 0	28,822 15 1	97,413 11 8	11,963 12 11	6,943 4 9	14,86,972 11 8
15,815 9 4	39,831 13 7	38,566 11 1	1,09,154 11 1	12,011 10 11	5,404 7 2	16,67,871 9 0
31,789 4 10	52,408 15 9	84,317 10 3	1,27,803 11 10	13,113 3 5	5,183 2 9	14,93,867 10 9
40,625 3 4	37,511 6 9	27,765 4 9	1,36,489 2 10	14,877 11 0	4,187 1 3	14,25,965 7 11
28,893 15 9	58,790 4 10	37,693 12 6	1,90,126 9 9	33,612 4 0	8,602 13 0	23,92,227 6 4
51,360 4 6	67,681 7 9	46,985 0 3	2,43,722 15 9	46,866 10 3	15,464 1 6	23,71,584 0 6
14,195 0 0	22,097 0 0	35,660 12 0	1,99,083 3 0	49,770 0 0	20,610 0 0	23,69,994 8 1
15,595 0 0	24,389 0 0	36,340 0 0	2,08,451 8 8	55,570 0 0	44,885 0 0	23,67,517 14 5
12,831 0 0	22,046 0 0	40,050 1 6	2,50,270 5 6	39,443 0 0	19,265 14 0	23,68,799 4 8
10,150 0 0	15,514 0 0	35,533 13 0	2,91,326 0 0	37,865 0 0	19,650 0 6	24,49,647 12 3
12,875 0 0	15,584 0 0	47,607 0 0	2,30,995 8 0	27,938 0 0	20,702 0 0	23,95,495 12 2
23,662 0 0	29,452 0 0	54,105 0 0	2,86,993 0 8	35,592 0 0	22,427 0 0	27,96,825 10 1
25,542 0 0	28,167 0 0	62,088 0 0	2,05,499 0 0	22,785 0 0	14,532 0 0	25,14,818 0 0
3,869 2 1	5,784 0 0	60,126 0 0	2,41,652 15 5	24,016 0 0	4,990 0 0	25,02,999 15 0
2,88,613 3 10	5,31,117 7 4	6,34,847 4 7	33,88,489 1 8	4,37,229 7 9	2,24,651 15 8	3,74,26,671 5 1
...	...	...	751 9 3	...	...	5,885 5 10
...	...	...	50,610 10 1	...	...	5,30,812 8 10
...	...	...	58,638 9 6	...	...	3,65,408 10 4
...	10,719 6 11	...	55,550 9 1	3,112 11 4	3,960 9 2	3,96,594 6 11
...	13,950 14 10	9,596 11 8	68,799 1 2	11,132 8 5	10,073 12 8	8,45,092 5 9
...	11,698 10 5	8,632 0 0	58,085 3 9	4,667 12 8	3,865 11 9	9,92,303 2 9
...	13,672 11 1	10,509 12 11	32,327 6 5	4,657 14 4	4,471 2 1	3,09,306 6 7
3,593 13 7	12,966 3 0	10,517 15 3	26,020 15 10	4,695 15 6	4,891 2 8	7,60,938 11 0
5,376 0 8	14,866 1 5	7,711 15 0	28,313 6 5	4,407 0 1	5,021 14 0	2,89,860 3 1
4,729 9 9	7,239 14 9	5,922 4 1	40,043 4 7	4,546 11 2	4,403 10 6	3,36,231 1 7
4,887 15 3	8,375 8 7	6,038 0 2	29,817 10 3	5,417 14 0	4,735 5 10	2,85,394 9 5
5,156 1 0	7,699 10 8	7,225 11 5	35,005 7 0	7,367 15 0	4,792 12 9	3,13,515 6 5
9,768 2 7	17,470 11 0	9,157 11 10	40,502 8 8	6,098 14 0	4,598 12 7	4,55,976 2 0
6,230 9 0	11,956 11 1	6,097 0 2	34,291 12 11	9,037 5 6	9,168 12 1	3,89,843 9 8
7,566 8 4	6,705 5 10	6,670 11 3	30,886 13 2	5,568 2 3	4,419 3 10	3,35,327 11 2
4,604 12 3	6,536 15 1	7,635 7 6	29,999 0 6	6,891 3 11	5,216 10 0	3,13,656 14 9
5,013 13 2	6,954 13 4	7,100 7 0	28,526 0 4	6,944 7 0	4,713 12 4	4,84,992 15 5
4,747 0 0	10,171 4 9	8,534 5 8	35,298 9 2	6,894 5 5	6,572 13 11	5,18,910 3 4
4,924 6 0	6,019 14 3	7,456 6 8	32,338 10 8	5,621 13 11	6,875 12 0	3,23,801 13 1
4,750 0 0	6,528 0 0	5,716 0 0	28,707 0 0	4,934 0 0	4,990 0 0	2,78,136 0 0
7,354 3 8	6,353 6 6	7,703 4 4	33,482 15 1	7,828 4 1	3,997 2 3	3,24,762 10 11
78,702 15 3	1,80,786 3 6	1,32,225 12 11	7,82 997 3 10	1,09,824 14 7	96,769 0 5	88,56,750 15 1
2,09,910 4 7	3,50,331 3 10	5,02,621 7 8	26,05,491 13 10	3,27,404 9 2	1,27,882 15 3	2,85,69,920 6 0

No. IV.

Classification of Treasuries according to encashment of Notes.

A—Treasuries which were able throughout the year to cash Notes at all times to the extent of the public demand on them.	B—Treasuries ordinarily able to cash Notes on presentation.	C—Treasuries at which this accommodation could not usually be given.	A.	B.	C.
		India.			
Coorg. Gwalior. Sambhur.	Ajmere. Indore. Nowgong (Bundlekund).	Bhopal. Beluchistan.	3	3	2
		Central Provinces.			
Balaghat. Betul. Bhandara. Bilaspur. Chanda. Damoh. Hoshangabad. Jubbulpore. Mundla. Narsinghpur. Nimar. Sambalpur.	Chhindwara. Raipur. Saugor. Seoni. Wardha.	*Nil.*	12	5	0
		British Burma.			
Bassein. Henzada. Kyouk Phyoo. Maoobeng. Mergui. Prome. Shoa-Gyeen. Tavoy. Tharrawaddy. Thayetmyo. Tounghoo.	Sandoway.	*Nil.*	11	1	0
		Assam.			
Nil.	*Nil.*	Cachar. Darrang. Garo Hills. Goalpara (Dhubri). Kamrup. Khasi Hills. Lakhimpur. Manipur. Naga Hills. Nowgong. Sibsagar. Sylhet.	0	0	12
		Bengal.			
Backergunge. Balasore. Bancoorah. Beerbhoom.	*Nil.*	Darjeeling.	39	0	1
		Carried over ...	65	9	15

No. IV —*continued.*

Classification of Treasuries according to encashment of Notes —continued.

A—Treasuries which were able throughout the year to cash Notes at all times to the extent of the public demand on them.	B—Treasuries ordinarily able to cash Notes on presentation.	C—Treasuries at which this accommodation could not usually be given.	A.	B.	C.
		BENGAL —*continued.*			
		Brought forward ...	65	9	15
Bhaugulpore.					
Bograh.					
Burdwan.					
Champarun.					
Chittagong.					
Cuttack.					
Dinagepore.					
Durbhanga.					
Doomka.					
Furridpore.					
Gya.					
Hazareebaugh.					
Hooghly.					
Jessore.					
Julpigoree.					
Lohardugga.					
Maldah.					
Maunbhoom.					
Midnapore.					
Monghyr.					
Moorshedabad.					
Mozufferpore.					
Mymensing.					
Noakhally.					
Nuddea.					
Poorce.					
Pubna.					
Purneah.					
Rajshahye.					
Rungpore.					
Sarun.					
Shahabad.					
Singbhoom.					
Tipperah.					
24-Purgunnahs.					
		N.-W. PROVINCES AND OUDH.			
Aligarh.	Azamgarh.	Dehra Dun.	23	17	3
Bijnor.	Basti.	Kumaun.			
Budaun.	Bulandshahar.	Unao			
Bandh.	Bareilly.				
Bahraich.	Bara Banki.				
Cawnpore.	Etawah.				
Etah.	Gonda.				
Farukhabad.	Ghazipur.				
Fatehpur.	Hardoi.				
Fyzabad.	Jaunpur.				
Gorakhpur.	Muzaffarnagar.				
Hamirpur.	Mirzapur.				
Jalaun.	Moradabad.				
Jhansi.	Partabgarh.				
Kheri.	Rae Bareli.				
		Carried over ...	88	26	18

No. IV —*continued.*

Classification of Treasuries according to encashment of Notes —continued.

A—Treasuries which were able throughout the year to cash Notes at all times to the extent of the public demand on them.	B—Treasuries ordinarily able to cash Notes on presentation.	C—Treasuries at which this accommodation could not usually be given.	A.	B.	C.
		N.-W. Provinces and Oudh —*continued.*			
Lalitpur.	Sitapur.	Brought forward ...	88	26	18
Lucknow.	Shahjehanpur.				
Mainpuri.					
Meerut.					
Muttra.					
Roorkee.					
Saharanpur.					
Sultanpur.					
		Punjab.			
Amritsar.	*Nil.*	*Nil.*	30	0	0
Bannu.					
Dera Ghazi Khan.					
Dera Ismail Khan.					
Ferozepore.					
Gujranwalla.					
Gujrat.					
Gurdaspur.					
Gurgaon.					
Hissar.					
Hoshiarpur.					
Hazara.					
Jhang.					
Jhelum.					
Jullundur.					
Kangra.					
Kohat.					
Karnal.					
Ludhiana.					
Mooltan.					
Montgomery.					
Muzaffargarh.					
Peshawar.					
Rawalpindi.					
Rohtak.					
Sirsa.					
Sealkote.					
Shapur.					
Simla.					
Umballa.					
		Madras.			
Kistna.	Vizagapatam.	*Nil.*	13	4	0
Nellore.	Salem.				
Kurnool.	Trichinopoly.				
Bellary.	Coimbatore.				
Cuddapah.					
Chingleput.					
North Arcot.					
South Arcot.					
		Carried over ...	191	30	18

No. IV —*concluded.*

Classification of Treasuries according to encashment of Notes— concluded.

A—Treasuries which were able throughout the year to cash Notes at all times to the extent of the public demand on them.	B—Treasuries ordinarily able to cash Notes on presentation.	C—Treasuries at which this accommodation could not usually be given.	A.	B.	C.
		MADRAS—*continued.*			
		Brought forward ...	131	30	18
Tanjore.					
Madura.					
Tinnevelly.					
South Canara.					
Travancore.					
		BOMBAY.			
Ahmednagar.	*Nil.*	Kaladgi.	18	0	2
Belgaum.		Kutch.			
Colaba.					
Dharwar.					
Hyderabad.					
Kaira.					
Kanara.					
Khandesh.					
Nasik.					
Ratnagiri.					
Satara.					
Shikarpur.					
Sholapur.					
Surat.					
Thana.					
Aden.					
Baroda.					
Kathiawar.					
		HYDERABAD.			
Akola.	*Nil.*	*Nil.*	6	0	0
Amraoti.					
Basim.					
Buldana.					
Ellichpur.					
Wun.					
		TOTAL ...	155	30	20
		TOTAL TREASURIES	205		

No. V.

Statistics of Treasury and other Balances on 31st December 1881.

	Denominations of Notes.									Total.		Total.	Percentage of Notes.	
	Rs. 5.	Rs. 10.	Rs. 20.	Rs. 50.	Rs. 100.	Rs. 500.	Rs. 1,000.	Rs. 10,000.	Foreign Circle Notes.	Notes.	Cash.		Dec. 31, 1881.	Dec. 31, 1880.
Treasuries and Branch Banks.														
Calcutta Circle . .	27,875	1,57,900	1,59,700	1,42,100	7,72,000	4,39,000	7,66,000	1,02,90,000	28,570	1,27,83,145	2,11,74,204	3,39,57,349	38	22
Allahabad „ . .	20,105	33,310	57,740	1,33,150	1,90,400	86,000	1,43,000	...	11,86,475	18,50,180	1,82,30,216	2,00,80,396	9	6
Lahore „ . .	26,180	46,940	47,040	62,300	79,700	1,25,000	5,04,000	2,40,000	1,13,805	12,44,965	1,10,80,234	1,23,25,199	10	8
Bombay „ . .	19,900	1,30,940	80,840	1,10,450	2,43,100	1,26,500	2,77,000	19,70,000	22,040	29,80,770	62,50,503	92,31,273	32	15
Akola „ . .	2,395	38,140	2,280	31,450	1,29,000	38,000	23,000	3,60,000	19,880	6,44,145	18,11,492	24,55,637	26	11
Nagpur „ . .	4,775	20,090	11,580	36,900	1,14,300	76,500	44,000	...	35,715	3,43,860	33,11,706	36,55,566	9	7
Kurrachee „ . .	9,345	35,400	32,840	47,650	83,900	44,000	5,81,000	...	7,800	8,41,935	22,57,585	30,99,520	27	33
Madras „ . .	23,385	51,880	42,640	54,850	2,48,700	78,500	64,000	19,00,000	19,765	24,83,720	50,42,243	75,25,963	33	11
Calicut „ . .	8,335	16,180	17,820	23,950	37,200	12,500	11,000	...	59,965	1,86,950	16,07,950	17,94,900	10	32
Coconada „ . .	4,440	8,360	16,060	22,850	59,400	70,500	1,20,000	2,20,000	1,83,225	7,04,835	31,04,017	38,08,852	18	10
Central India .	7,285	26,810	20,100	53,300	1,66,400	2,06,500	3,90,000	...	...	8,70,395	45,35,123	54,05,518	16	17
British Burma .	2,980	2,150	5,980	2,750	1,100	15,500	43,000	...	2,105	75,515	45,47,654	46,23,169	2	6
	1,56,950	5,68,100	4,94,620	7,21,700	21,25,200	13,18,500	29,66,000	1,49,80,000	16,79,345	2,50,10,415	8,29,52,927	10,79,63,342	23	13
Presidency Banks (Head Offices).														
Bank of Bengal .	14,090	55,540	69,240	94,150	2,63,300	3,65,000	7,58,000	4,60,000	31,60,755	52,40,075	7,87,000	60,27,075	87	89
Bank of Bombay .	29,365	1,09,610	1,02,000	12,31,950	4,49,100	3,45,500	24,65,000	6,20,000	27,945	43,80,460	22,75,235	66,55,695	66	71
Bank of Madras .	3,985	12,460	22,080	37,850	97,300	49,500	35,000	9,10,000	...	11,68,175	3,58,872	15,27,047	76	34
	47,430	1,77,610	1,93,320	3,63,950	8,09,700	7,60,000	32,58,000	19,90,000	31,88,700	1,07,88,710	34,21,107	1,42,09,817	76	81

No. VI.

Issues and Receipts of Home Notes at each Circle.

	CIRCLES.										TOTAL.
	Calcutta.	Allahabad.	Lahore.	Bombay.	Akola.	Nagpore.	Kurrachee.	Madras.	Calicut.	Coconada.	
Circulation on 1st April 1881	6,59,99,605	74,17,290	1,00,79,855	3,18,26,205	17,52,140	14,81,960	37,06,580	1,26,61,125	18,23,360	14,34,555	13,81,82,675
ISSUES.											
Over the Counter	35,76,22,430	3,02,82,360	2,80,02,225	17,04,74,445	14,40,705	24,58,835	76,25,995	7,13,74,565	71,30,390	9,91,070	67,74,03,020
At Agencies	5,30,500	72,000	57,88,000	8,44,585	...	...	...	3,31,990	...	1,50,000	77,17,075
In Remittance transactions	20,00,000	...	...	2,46,44,460	...	2,50,000	8,98,000	32,10,360	...	7,00,000	3,17,02,820
TOTAL ISSUES .	36,01,52,930	3,03,54,360	3,37,90,225	19,59,63,490	14,40,705	27,08,835	85,23,995	7,49,16,915	71,30,390	18,41,070	71,68,22,915
TOTAL OF BALANCE AND ISSUES .	42,61,52,535	3,77,71,650	4,38,70,080	22,77,89,695	31,92,845	41,90,795	1,22,30,575	8,75,78,040	89,53,750	32,75,625	85,50,05,590
RECEIPTS.											
Over the Counter	32,96,11,980	70,98,405	70,79,975	15,09,22,635	3,67,085	16,95,225	16,52,985	6,17,31,685	15,88,700	5,30,760	56,22,79,435
At Agencies	5,37,950	44,000	45,23,000	14,12,000	...	...	...	8,65,990	...	11,000	73,93,940
For Cash from Encashing Office . . .	...	...	...	...	6,980	1,08,555	...	...	...	...	1,15,535
From other Currency Circles	74,14,495	2,07,15,165	2,29,24,530	1,85,27,635	26,55,110	21,25,430	53,93,985	83,51,960	58,88,755	23,76,585	9,63,73,650
In Remittance transactions	1,94,67,415	...	...	2,14,22,340	...	...	18,00,000	16,94,860	...	1,50,000	4,45,34,615
TOTAL RECEIPTS .	35,70,31,840	2,78,57,570	3,45,27,505	19,22,84,610	30,29,175	39,29,210	88,46,970	7,26,44,495	74,77,455	30,68,345	71,06,97,175
BALANCE IN CIRCULATION ON 31ST MARCH 1882	6,91,20,695	99,14,080	93,42,575	3,55,05,085	1,63,670	2,61,585	33,83,605	1,49,33,545	14,76,295	2,07,280	14,43,08,415
TRANSFER OF BALANCES OF ABOLISHED SUB-CIRCLES.	+ 3,960			+ 421,295	—163,670	—261,585		+ 207,280		—207,280	

No. VII.

Issues and Receipts of Coin at each Circle.

	Circles.										
	Calcutta.	Allahabad.	Lahore.	Bombay.	Akola.	Nagpore.	Kurrachee.	Madras.	Calicut.	Coconada.	Total.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Balance on April 1881	1,56,70,941 11 1	96,60,930 0 0	1,92,41,410 0 0	1,06,36,998 12 6	21,59,500 0 0	11,48,875 0 0	39,37,445 0 0	68,13,950 0 0	10,34,615 0 0	17,78,290 0 0	7,20,82,955 7 7
Receipts—Over the Counter	1,16,29,080 0 0	1,45,31,350 0 0	2,42,74,436 0 0	3,53,15,785 0 0	14,26,960 0 0	20,18,285 0 0	63,82,515 0 0	1,87,10,140 0 0	44,21,300 0 0	6,97,680 0 0	11,44,07,510 0 0
" From Small Coin Account	...	...	...	5,31,508 0 0	...	...	27,800 0 0	2,56,600 0 0	...	1,65,000 0 0	9,80,308 0 0
" At Agencies	4,89,500 0 0	5,72,000 0 0	1,76,79,766 0 0	33,34,585 0 0	...	...	...	7,65,990 0 0	...	1,35,000 0 0	2,39,76,841 0 0
" In remittance transactions	2,76,59,960 0 0	...	81,31,766 0 0	1,55,52,640 0 0	3,85,000 0 0	5,00,000 0 0	50,00,000 0 0	32,07,280 0 0	2,00,000 0 0	10,360 0 0	6,06,27,008 0 0
" For Mint Certificates	131 6 4	...	...	187 11 0	...	...	...	...	...	...	319 1 4
" By sale of Securities	...	...	...	...	...	...	...	...	...	...	...
Total Receipts	3,97,58,671 6 4	1,61,03,350 0 0	5,00,85,967 0 0	5,47,34,705 11 0	18,11,960 0 0	25,18,285 0 0	1,14,10,315 0 0	1,79,39,410 0 0	46,21,300 0 0	10,08,020 0 0	19,99,91,984 1 4
Total of Balance and Receipts	5,54,29,612 1 5	2,57,64,280 0 0	6,93,27,377 0 0	6,53,71,704 7 6	39,71,460 0 0	36,67,160 0 0	1,53,47,760 0 0	2,47,53,360 0 0	56,55,915 0 0	27,86,310 0 0	27,20,74,939 8 11
Issues—Over the Counter	3,92,17,065 0 0	61,14,425 0 0	50,09,890 0 0	5,03,66,385 0 0	3,61,035 0 0	16,68,525 0 0	4,24,475 0 0	1,15,15,985 0 0	11,88,820 0 0	7,28,350 0 0	11,65,94,955 0 0
" At Agencies	6,96,950 0 0	44,000 0 0	1,51,54,766 0 0	21,02,000 0 0	...	...	...	6,99,890 0 0	...	...	1,86,97,706 0 0
" In remittance transactions	...	71,66,000 0 0	3,29,91,766 0 0	...	36,10,425 0 0	19,98,635 0 0	1,12,01,000 0 0	39,57,280 0 0	34,50,000 0 0	20,57,960 0 0	6,64,33,066 0 0
" For bullion delivered and for melting fees	4,818 2 10	...	...	554 3 5	...	...	...	...	...	...	5,372 6 3
" To Small Coin Account	...	...	...	5,65,508 0 0	...	...	...	3,96,000 0 0	...	...	8,61,508 0 0
" In purchase of Securities	75,781 12 0	...	...	...	...	...	...	...	...	...	75,781 12 0
Total Issues	3,99,94,614 14 10	1,33,24,425 0 0	5,31,56,422 0 0	5,30,34,447 3 5	39,71,460 0 0	36,67,160 0 0	1,16,25,475 0 0	1,64,69,255 0 0	46,38,820 0 0	27,86,310 0 0	20,26,68,389 2 3
Balance of Coin, March 31st 1882	1,54,34,998 2 7	1,24,39,855 0 0	1,61,70,955 0 0	1,23,37,257 4 1*	...	...	37,22,285 0 0	82,84,105 0 0	10,17,095 0 0	...	6,94,06,550 6 8

* This includes 3,960 held at Bombay.

No. VIII.

Value of Currency Notes in Circulation on the last day of each month (In Lakhs of Rupees.)

	1862-63.	1863-64.	1864-65.	1865-66.	1866-67.	1867-68.	1868-69.	1869-70.	1870-71.	1871-72.	1872-73.	1873-74.	1874-75.	1875-76.	1876-77.	1877-78.	1878-79.	1879-80.	1880-81.	1881-82.	1882-83.
April . . .	4,10	5,13	5,68	7.48	7,02	7,84	8,92	9,80	9,65	10,13	13,34	11,01	9,27	10,75	10,73	11,13	13,30	11,27	12,89	12,86	
May . . .	4,13	5,01	6,04	7,46	7,87	8,19	10,04	10,38	8,68	10,49	13,49	11,21	9,96	11,06	10,70	11,55	13,09	11,17	13,10	13,01	
June . . .	4,21	5,09	5,99	8,34	8,60	8,53	10,04	10,80	8,70	10,83	13,51	11,83	10,16	11,29	11,59	12,67	13,87	11,82	13,64	13,72	
July . . .	4,26	5,11	6,31	8,58	8,67	8,72	10,06	10,53	9,12	10,72	13,47	11,95	10,73	11,18	11,54	12,85	14,07	12,24	13,91	14,04	
August . . .	4,28	5,16	6,37	8,69	8,48	9,39	10,13	10,21	9,45	11,29	13,22	12,05	10,87	11,19	11,91	12,15	14,27	12,74	13,75	14,22	
September. . .	4,29	5,26	6,48	8,87	9,28	9,53	10.41	10,18	10,07	11,32	13,35	12,09	10,60	11,77	11,75	12,39	14,06	13,33	13,47	13,55	
October . . .	4,58	5,63	7,09	7,84	10,16	9,96	10,61	10,76	10,19	11,31	13,00	12,06	10,88	12,04	11,45	13,19	13,70	13,58	13,55	13,39	
November . . .	4,49	5,16	7,13	7,83	10,10	10,21	10,41	11,33	10,27	11,09	13,30	11,73	11,02	11,69	11,93	14,74	13,46	13,75	14,50	13,07	
December . . .	4,52	5,11	7,48	7,40	9,96	10,32	10,30	11,31	10,35	10,87	12,88	10,91	11,08	11,22	11,97	15,05	12,69	13,80	14,38	13,15	
January . . .	4,56	5,15	7,39	6,91	8,68	10,11	10,20	11,42	10,76	13,08	12,16	9,98	11,10	11,77	12,44	15,64	12,15	14,23	14,12	13,39	
February . . .	4,71	5,08	7,40	6,87	8,87	9,56	10,68	10,82	10,07	12,69	11,52	9,69	11,13	11,28	12,07	14,07	12,20	13,28	13,25	13,74	
March . . .	4,93	5,35	7,43	6,90	8,09	9,07	9,96	10,47	10,44	13,17	11,14	9,25	11,24	11,00	11,62	13,57	11,42	12,36	13,40	13,91	
Average . . .	4,42	5,19	6,73	7,76	8,82	9,28	10,15	10,67	9,81	11,42	12,86	11,15	10,67	11,35	11,64	13.25	13,19	12,80	13,66	13,50	
Net Imports of Silver	12,55	12,80	10,08	18,67	6,96	5,59	8,60	7,32	94	6,52	71	2,49	4,64	1,55	7,20	14,68	3,97	7,87	3,89	5,38	
Net Amount borrowed in India . .	...	—34	—2	—99	60	79	—35	2,18	1,22	1,16	—1,51	—4	3,43	2,92	—85	3,03	3,88	4,03	3,09	2,79	
Currency Investment on 31st march .	67	2,49	3,57	3,98	3,25	3,25	3,91	3,60	3,23	5,91	5,69	5,69	5,69	5,69	6,00	5,69	6,00	6,00	6,00	6,00	
Profits of Paper Currency Department.	—4	...	13	8	7	10	7	14	12	11	21	19	20	20	21	20	19	25	23	22	

No. IX.

Currency Notes in Circulation in India in Lakhs and Thousands of Rupees.

Last day of	Calcutta.	Allahabad.	Lahore.	Bombay.	Akola.	Nagpur.	Kurrachee.	Madras.	Calicut.	Vizagapatam.	Trichinopoly.	Total.
1871.												
January ...	391·50	65·76	36·36	391·84	25·65	32·80	24·96	89·43	9·73	3·44	4·03	1075·53
February ...	335·21	54·96	45 07	408·40	21·48	24·20	24·14	74·77	10·81	3·39	4·84	1007 33
March ...	354·30	54·38	44·80	431·94	18·73	26·53	23·20	72·77	9 83	3·73	3·48	1043·72
April ...	354·85	55·86	57·32	383·79	19·47	20·48	22·48	80·08	11·08	3·91	3·71	1013·06
May ...	364·55	33·49	40·28	385·97	37·89	29·03	21·68	118 94	11·06	3·03	3·50	1049·46
June ...	394·17	32·82	49 90	390·50	36·45	32 94	16·50	111·89	11·89	2·61	3·22	1082·95
July ...	393·42	34·48	39·25	374·12	46 75	34·23	22 28	110·98	10 57	3·10	2·90	1072·14
August ...	425·53	35·57	44·12	397·15	42·63	34·68	18·82	115·85	10·20	3·51	1·15	1129·25
September ...	418·81	31·00	46·93	404·11	41·75	41·02	20·64	110·41	10·97	3·05	3·01	1131·75
October ...	429·93	33·74	42·00	380·13	52·55	48·69	21·10	107·81	12·31	3·75	4·14	1130·71
November ...	417·78	33·60	48·84	369·88	47·76	41·69	24·27	104·41	12·58	3·82	4·09	1108·77
December ...	412·32	34·39	55·59	372·65	41·21	36·22	17 20	98·37	11·46	3·10	4·35	1086 90
1872.												
January ...	510·74	36·59	69·33	498·35	10·99	15·43	44·94	100·15	12·25	3·66	5·62	1308·11
February ...	512·58	38·31	64·76	487·59	7·04	15·89	20 63	99·45	13·62	3·39	5·64	1268·96
March ...	529·28	39·33	69·77	529·99	7·52	16·67	17·38	82·46	15·53	3·42	5 40	1316·79
April ...	520·70	33·29	55·62	568·93	12·75	16 62	16·98	84·15	16·80	3·35	4·28	1333·52
May ...	511·56	30·99	50·70	583·94	13·20	25·79	16·19	89·56	17·90	4·62	4·74	1349·23
June ...	512·37	31·45	48 09	563·70	20·08	34·65	16 69	98·00	15·68	4·66	5·39	1350·80
July ...	501·43	38·95	43·86	572·19	20·56	28·67	14·76	100 28	16 23	4·48	5·74	1347·21
August ...	473·58	42·55	50 39	554·74	21 44	30·38	20·61	100·99	16·58	5·00	6·04	1322·36
September ...	483·33	47·71	55·70	543·28	21·73	32·69	19·57	100·97	19·19	6·57	4·53	1335·31
October ...	491·36	53·24	47·40	485·48	22·37	42·12	27·66	99·67	20·63	5·40	4·42*	1299·80
										Cocanada		
November ...	471·59	61·19	49·18	529·08	19·27	44·96	26·23	105·20	19·36	3·76	...	1329·86
December ...	441·51	68·26	43·59	519·88	19·29	43·70	20 38	106 60	19·96	4·34	...	1287·55
1873.												
January ...	450·53	70·71	43·92	468·89	5·53	35·13	17·59	100 59	18·60	4·17	...	1215·61
February ...	433·16	60 43	45·64	432·48	5 99	25·27	23·15	104 14	17 69	4 04	...	1152·03
March ...	445·41	87·38	37·03	368·22	4.49	19·96	23·78	103 37	18·58	5·24	...	1113·50
April ...	446·47	58 63	34·06	354 93	21·80	21·54	31·17	105·94	20·17	5·91	...	1100·66
May ...	454·59	60·51	51·23	349·10	22·78	19·57	29·70	103·16	23·21	6·67	...	1120·56
June ...	458 56	89 83	56·43	326·15	27·11	31·41	29·64	136 53	19·92	7·31	...	1182·93
July ...	457 93	83·16	58·46	316·29	37·44	41 28	21·52	151·27	20·60	7·08	...	1195·08
August ...	469·20	75·93	57 71	336·56	29·17	41·62	19·19	146·92	20·78	7 79	...	1204·92
September ...	486·53	74·99	54·23	341·70	31·53	38·67	19·51	130·87	21·68	8·92	...	1208·67
October ...	490·06	92·85	48·35	328·00	36·09	44·25	23·95	113·54	22·10	6·39	...	1205·63
November ...	495·31	87·32	45·63	305·01	32·35	45·38	26·91	100·39	27·13	7·78	...	1173·25
December ...	472 28	96·64	43·41	261·91	29·58	29·95	18·98	105·13	25·11	8·03	...	1091·07
1874.												
January ...	461·46	80·01	42·46	237·33	5·16	24·96	16·51	100·11	22·90	6·94	...	997·88
February ...	469 07	43·75	41.43	228·64	11·51	32·88	13·93	98·64	21·89	6·76		968·55
March ...	482·06	42·75	39·81	217·61	5·86	11·17	12 67	85·71	19·48	7·81	...	924·97
April ...	467·11	34·00	42·20	244·95	5·42	8 43	14·29	75·94	19 73	15·30	...	927·43
May ...	465 25	38·05	43·20	305·08	5·56	9·64	13·58	77·46	21·91	16·64	...	996·43
June ...	474·52	38 05	46·86	303·15	8·01	11·95	19·72	79 77	19·00	14·42	...	1015·49
July ...	538 74	43·71	46·58	294·71	6·72	15 57	17·42	77·71	19·27	12·91	...	1073·38
August ...	487·40	68·53	54 74	315 95	6·90	17·14	17·46	87·39	19·16	12·74	...	1087·45
September ...	451·82	71·29	56·34	319·65	8 45	16 56	17·60	86·36	20·09	11·76	...	1059·98
October ...	452 05	85·43	54·20	319·37	16·48	18·72	20·68	86·71	22·50	12·07	...	1088·26
November ...	460 83	80·23	59·17	329·13	17·10	15 07	17 23	91·68	23 56	7·87	...	1101 90
December ...	474·84	82·22	57·52	321·89	15·77	11·05	19·27	93·40	22·47	9·64	...	1108·12
1875.												
January ...	515·76	80·88	59·90	293·87	7·44	9·37	16·72	92·71	21·93	11·06	...	1109·69
February ...	505·51	67·84	59·29	304·31	5·80	19 84	16·70	95·94	22·73	14·65	...	1112·67
March ...	518·75	60·63	61·16	307·33	7·30	11·47	16·73	94·96	25·43	19·85	...	1123·64
April ...	484·64	49·01	57·79	290·27	13·18	10·65	20·12	100 39	25·52	23·82	...	1075·44
May ...	481·44	56·06	61·80	308·91	6·72	15·52	18·23	104·78	25·76	26·53	...	1105·79
June ...	488·88	64 26	58·01	309·15	12·31	16·70	17·78	107·57	25·16	28·62	..	1128·51
July ...	476·19	70·69	64·85	294·26	14·44	17·72	18·19	109·11	24·23	28·26	...	1117·99
August ...	488·57	70·70	71·11	279·20	14·03	24·73	17·10	100·07	25·44	28·21	...	1119·21
September ...	511·88	71·73	87·04	302·15	13·74	25·27	15·67	98·91	25 84	24·49	...	1176·76
October ...	510·63	81·36	79·85	330·68	15·09	27·34	17·86	95·37	23·96	21·45	...	1203·63
November ...	513·05	82·70	75·35	301·77	15·47	27·46	18·79	89·88	25·22	19·35	...	1169·08
December ...	494·77	76·16	60·23	297·53	15·39	18·94	19·03	92·38	27·42	19·70	..	1121·58
1876.												
January ...	511·47	76·75	60·04	329·15	12·53	19·24	17·76	101·61	24·07	24·35	...	1177·01
February ...	495·87	70·92	55·30	291·47	11·80	14 11	17·63	115·33	26·00	29·67	...	1128·15
March ...	470·17	69·36	63·12	281·20	7·29	10·51	16·29	120·64	25 96	35·40	...	1099·99
April ...	451·89	67·88	61·38	271·98	9·11	9·67	17·87	119·50	26·36	37·50	...	1073·19
May ...	438·33	72·20	63·65	283·49	9·31	10·76	18·94	113·12	24·71	35·83	...	1070·38
June ...	495·78	76·56	65·59	301·36	11·17	15·44	19·19	113·88	23·76	35·80	...	1158·58
July ...	478·89	76·81	64·85	315·20	15·22	15·18	17·16	113·47	23·96	33·03	...	1153·81
August ...	480·24	90·20	68·27	360·07	16·34	15·94	16·32	103·77	18·82	20·96	...	1190·98
September ...	504·96	83·19	69·87	320·46	18·68	18·31	17·40	102·22	24·62	15·44	...	1175·20
October ...	491·29	75·81	62·14	316 42	18·43	17·65	17·09	113·36	21·07	8·78	...	1145·07
November ...	494·07	72·86	62·68	354·73	12·21	15 04	18·96	133·62	20·42	8·45	...	1193·07
December ...	506·17	76·02	56·07	375·15	5·47	13·41	20·23	119·46	17·32	7·86	...	1197·19

* Trichinopoly circulation incorporated with that of Madras from November 1872.

No. IX—*continued.*

Currency Notes in Circulation in India in Lakhs and Thousands of Rupees.

LAST DAY OF	Calcutta.	Allahabad.	Lahore.	Bombay.	Akola.	Nagpur.	Kurrachee.	Madras.	Calicut.	Cocanada.		TOTAL.
1877.												
January ...	566·48	70·48	55·24	374·25	5·24	9·00	20 24	114·65	16·12	11·88	...	1243·62
February ...	540·01	58·18	63·99	356·84	5·26	13·94	20·32	116·56	16·02	14·91	...	1207·07
March ...	545·36	44·66	55·05	323·06	5·55	9·80	17·09	119·80	16·11	25·25	...	1161·78
April ...	478·19	49·57	57·43	323·54	5·17	8·00	14·39	134·44	18·79	23·48	...	1113·05
May ...	525·68	45·67	63·74	323·81	4·92	8·53	17 64	118·03	23·21	23·23	...	1154·52
June ...	576·24	47·88	57·41	361·03	16·08	10·86	19 33	138 65	21·12	18·79	...	1267·43
July ...	537·81	49·49	62·11	394 50	13·44	12·47	22·13	160·56	24·68	7·96	...	1285·20
August ...	531·67	60 06	60·67	325·86	7·89	10·34	24 92	154·87	29·90	8·69	...	1214·91
September ...	627·76	45·74	58·93	256·74	12·12	10·47	26·05	167·87	24·76	8·68	...	1239·17
October ...	584 24	63·42	58·48	344·45	14·11	10·27	24·72	184·54	25·16	9·36	...	1318 78
November ...	702·65	57·51	52 09	425·02	8·13	8·60	24·84	164·62	21·52	9·16	...	1474·21
December ...	705·61	57·55	46·18	482·45	4·11	6·28	22·04	149·91	18·09	12·35	...	1504·62
1878.												
January ...	730·40	62·42	46·16	498·15	4·10	6·93	22·88	152·96	21·24	18·28	...	1563·56
February ...	674·52	58·42	45·35	393·53	15·28	7·48	22·64	146·03	18·85	25·16	...	1407·31
March ...	684·18	58·10	47·86	344·71	5·57	6·70	22 19	144·27	15·34	28 51	...	1357·47
April ...	661·95	60·64	53·34	319·65	12·74	7·16	25·26	142·22	14 19	32·77	...	1329·94
May ...	641·18	74·61	46·31	326 39	12·25	11·03	23·26	141·89	12·84	19·31	...	1309·12
June ...	700·55	82·62	45·83	305·11	15·17	17·84	22 27	161 27	16·60	19·36	...	1386·68
July ...	724·76	77·81	43·50	304 94	16 65	25·57	22 97	146·45	20·70	23 64	...	1407·03
August ...	712·25	84·32	47 74	333·00	19 58	24·33	21·89	131·46	20·55	32·23	...	1427·40
September ...	629·05	73·60	63·01	386·22	22 65	23·32	22·23	131·91	21·63	32·40	...	1406·06
October ...	630·69	58·21	49·79	391·58	23·31	20·30	27·47	117·99	20·24	30·61	...	1370·23
November ...	618·11	38·83	47·19	411·34	23·30	19·89	30·60	106·21	19 21	31·16	...	1345·91
December ...	612·58	49·49	45·09	332·50	22·58	17·91	30·64	111·34	18·18	28·26	...	1268·61
1879.												
January ...	584·38	66·74	45·82	324·49	5·97	11·70	25·37	113·35	16·58	20·51	...	1214·97
February ...	643 83	51·16	48·53	282·91	5·92	11·07	26 59	111·98	16·31	21·92	...	1220·25
March ...	564·48	46·73	47·04	295·90	18·44	10·59	23 03	111·66	14·93	9·51	...	1142·36
April ...	537·92	47·99	48·59	318·62	7·71	10 92	20·06	109·36	17·63	8·31	...	1127·14
May ...	515·22	40 05	53·73	326·76	8·77	13·27	22·92	108·89	17·47	9·99	...	1117·12
June ...	555·94	52·00	69·30	309·18	19·98	19·58	23·86	105·95	17·32	8·95	...	1182 11
July ...	614·42	50·52	63·51	282·47	23·63	27·78	25·55	108·76	17·78	9·72	...	1224·19
August ...	660·47	48·92	68·04	264·58	26·74	28·11	26·59	121·88	19·68	9·01	...	1274·05
September ...	709·09	51·81	67·20	272·23	27·44	26·95	25·88	125·07	18·71	8·55	...	1332·98
October ...	701·04	36·76	65·63	301·33	27·85	26·31	27·90	137·70	25·99	8·37	...	1358·11
November ...	677·27	51·02	71·77	331·74	27 99	24·08	32·10	121·03	21·53	16·18	...	1374·75
December ...	667·84	49·16	70·79	365·55	27·60	20·60	28·55	118·68	18·69	9·25	...	1379·76
1880.												
January ...	710·12	50·71	64·83	391·22	14 99	16·05	26·24	123 32	14·11	11·29	...	1422·93
February ...	602·25	45·87	68·25	403·66	12·91	14·14	29·81	123·43	13·91	13·91	...	1328·19
March ...	567·08	50·14	74·24	339·97	11·93	12·63	31·15	123 99	13·19	17·41	...	1235·77
April ...	598·41	46·61	86·22	323·67	11·98	13·21	34·66	145·32	13·91	14·49	...	1288·52
May ...	594·13	45·59	84·26	338·32	14·69	23·53	29 12	149·72	14·72	15·55	...	1309·70
June ...	629·69	43·45	82 70	333·88	25·50	29·18	33·25	157·40	13·67	15·26	...	1364·03
July ...	642·81	43·01	78·98	346·46	28 26	30·96	33·79	156·02	14·45	16·40	...	1391·18
August ...	588·13	47·81	145·98	347·94	30·07	30·06	32·19	124·76	14·62	13·33	...	1374·94
September ...	626·31	50 78	86·64	355·86	29·72	29·44	35·05	103·03	16·43	13 60	...	1346·92
October ...	665·63	41·89	97·03	333·13	29·80	28·92	37·91	95·98	17·95	7·13	...	1355·43
November ...	747·71	52·26	94·69	332·28	29·81	32·15	38·26	98·53	17·12	6·95	...	1449·80
December ...	745·92	59·04	88·18	324·99	28·62	29·00	39·38	101·13	14·32	7·20	...	1437·68
1881.												
January ...	698·62	73·09	85·04	356·17	18·65	15·70	33 55	113·80	10·69	6·82	...	1412·13
February ...	654·75	71·46	94·25	299·09	16 98	15·64	33·81	116·60	11·69	10·70	...	1324·97
March ...	656·54	66·76	86·52	313·50	17·07	14·26	34·35	119 55	17·78	13·81	...	1340·17
April ...	597·25	49·02	96·02	309·53	17·27	13·62	33·63	136·16	16·06	17·02	...	1285·58
May ...	600·41	40·61	97·82	337.84	22·48	16·15	31 74	122·14	15·54	16·26	...	1300·99
June ...	639·19	51·34	91·85	365·36	22·46	19·72	34·13	113·29	17·27	17·42	...	1372·03
July ...	652 70	47·24	88·84	372·35	22·31	23 46	39·32	125·06	14·59	18·40	...	1404·27
August ...	673 68	67·38	77·80	397·17	9·73	15·63	31·66	128·87	12·67	7·96	...	1422·55
September ...	628·25	84·45	78·62	371·16	5·35	11·31	34·42	123·20	13·48	4·54	...	1354·77
October ...	639 25	68·82	74·08	377·93	4·54	8·44	32·40	118 97	11·35	3·33	...	1339·11
November ...	630·20	83·43	74·16	334·52	3·24	7·30	32·69	121·92	17·09	2·91	...	1307 46
December ...	635·57	82·04	75·23	322·32	2·57	4·60	40·07	129·42	20·12	2·79	...	1314·75
1882.												
January ...	654·53	98·69	74·11	337·68	2·07	3·17	30 44	119·08	16·90	2·45	...	1339·13
February ...	686·80	106·76	73·41	320·31	1·77	2·71	28·41	135·62	16·02	2·36	...	1374·16
March ...	688·01	86·58	73·95	345·89	1·64	2·62	30·73	146·04	13·17	2·07	...	1390·70

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENTS OF PRICES CURRENT OF FOOD-GRAINS FOR THE 1st AND 2nd HALVES OF MAY AND 1st HALF OF JUNE 1882, PUBLISHED IN PAGES 846, 847, 892, 893, 930 AND 931 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 10th AND 24th JUNE AND 8th JULY 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat.			Barley.			Rice. Best sort.			Rice. Common.			Great Millet (Cholum, Jowar), *Holcus Sorghum.*			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.*			Lesser Millets, Ragi, &c. (Kavaru, Veragoo, Sawee, Cheena, Coraloo, Murhwa, Nuglee, &c.), *Panicum Miliaceum, Eleusine Coracana,* &c.			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.		
		Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.
	1st half of May 1882.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.
	Arracan Division.																																		
	Akyab	6 10	6 10	6 10	...	...	...	17 0	18 0	15 0	19 0	20 0	16 0	...	...	...	...	...	...	...	...	...	10 0	10 0	10 0	210 0	210 0	250 0	50 0	50 0	...	40 0	40 0	30 0
	Northern Arracan	...	...	...	...	...	...	...	11 10	...	...	12 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kyoukpyoo	...	...	...	...	...	...	18 3	18 1	16 1	19 11	19 9	17 10	...	...	...	...	...	...	...	...	...	4 0	4 0	4 4	200 0	200 0	240 0	...	...	...	*a*	*a*	36 0
	Sandoway	...	...	...	...	...	...	...	27 7	24 0	...	33 9	28 0	...	...	...	...	...	...	...	...	...	...	...	...	...	469 11	*g*	...	...	...	...	39 0	28 0
	Pegu Division.																																		
	Rangoon town and Hanthawaddy	...	16 4	16 0	...	...	...	...	15 4	12 6	...	18 3	14 2	...	...	...	...	...	...	...	...	...	...	20 4	26 13	...	324 0	50 0	...	50 11	45 4	...	22 10	23 3
	Tharrawaddy	...	...	...	...	...	...	16 15	16 5	9 4	31 9	17 13	12 5	...	...	...	...	...	...	...	...	...	8 15	8 5	8 9	535 11	535 11	*b*	29 12	29 12	...	18 5	18 5	14 4
	Prome	14 9	18 3	9 0	...	...	...	16 12	16 12	13 8	17 2	19 10	14 0	...	...	...	...	...	...	...	...	...	20 12	24 4	20 0	139 11	139 11	*c*	22 4	32 4	...	18 11	18 10	28 0
	Irrawaddy Division.																																		
	Thonegwa	...	...	...	...	...	...	13 11	13 11	10 8	17 7	18 6	11 7	...	...	...	...	...	...	...	...	...	16 13	16 13	12 9	246 0	147 10	*d*	27 4	47 5	...	25 5	44 5	14 0
	Bassein	...	...	...	...	...	...	13 0	14 4	12 4	14 4	21 9	13 8	...	...	...	...	...	...	...	...	...	11 11	15 1	13 6	145 4	145 4	157 8	39 0	39 0	24 8	29 9	30 1	21 0
	Henzada	...	...	...	...	...	...	17 14	17 14	10 5	26 0	26 0	12 4	...	...	...	...	...	...	...	...	...	...	...	...	183 8	183 8	*e*	29 9	29 9	...	29 9	29 9	28 0
	Thayetmyo	15 1	15 1	10 13	...	...	...	11 11	11 11	9 12	15 9	15 9	17 8	...	...	...	...	...	...	...	...	...	14 6	14 6	18 6	245 0	245 0	250 0	25 6	25 6	22 8	18 15	18 15	21 0
	Tenasserim Division.																																		
	Moulmein town and Amherst	10 0	10 0	10 0	...	...	...	16 10	16 10	10 0	20 4	20 4	12 0	...	...	...	...	...	...	...	...	...	11 1	11 1	7 8	220 0	220 0	250 0	52 1	52 1	18 0	24 0	24 0	13 0
	Tavoy	..	...	...	...	...	...	13 12	13 12	10 15	22 14	21 0	17 3	...	...	...	...	...	...	...	...	...	...	...	...	399 3	399 3	293 0	24 2	24 2	33 5	16 1	16 1	26 11
	Mergui	...	...	...	...	...	...	17 5	17 5	13 5	21 12	21 12	16 13	...	...	...	...	...	...	...	...	...	...	...	...	428 0	428 0	428 0	36 8	36 8	34 12	29 3	29 3	26 1
	Shwaygyin	...	...	...	...	...	...	13 13	13 13	10 2	15 9	15 9	12 4	...	...	...	...	...	...	...	...	...	...	...	...	250 0	250 0	..	39 5	39 5	32 9	14 2	14 2	14 0
	Toungoo	...	...	...	...	...	...	18 5	15 12	16 0	21 5	21 5	18 4	...	...	...	...	...	...	...	...	...	12 9	12 9	10 4	24 0	24 0	303 0	27 1	32 0	18 8	18 12	15 12	18 8
	Salween	...	...	...	...	...	...	7 14	...	...	8 4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*f*	...	...	*f*	...	...
	2nd of half May 1882																																		
	Arracan Division.																																		
	Akyab	6 10	6 10	6 8	...	...	...	...	17 0	14 0	...	19 0	16 0	...	...	...	...	...	...	...	...	...	...	10 0	10 0	...	210 0	240 0	...	50 0	...	...	40 0	30 0

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SUPPLEMENT TO THE STATEMENTS OF PRICES CURRENT OF FOOD-GRAINS FOR THE 2nd HALF OF JUNE AND 1st HALF OF JULY 1882, PUBLISHED IN PAGES 982, 983, 984, 985, 986, 987, 1042, 1043, 1046 AND 1047 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 29th JULY AND 12th AUGUST 1882.

QUANTITIES PER RUPEE IN SEERS OF 80 TOLAHS.

Provinces.	Districts.	Wheat.			Barley.			Rice. Best sort.			Rice. Common.			Great Millet (Cholum, Jowar), *Holcus Sorghum.*			Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata.*			Lesser Millets, Ragi, &c. (Kavaru, Veragoo, Sawee, Cheena, Coraloo, Murhwa, Nuglee, &c.), *Panicum Miliaceum, Eleusine Coracana, &c.*			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.			Average wages per month. Able-bodied Agricultural Labourer.	Syce or Horse-keeper.	Common Mason, Carpenter, or Blacksmith.
		Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.	Present fortnight.	Past fortnight.	Corresponding fortnight of last year.			
	2nd half of June 1882.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	S. C.	Rs. A.	Rs. A.	Rs. A.	S. C.	S. C.	S. C.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Assam.	Sylhet	11 12	11 12	13 0	...	...	...	17 0	17 0	16 0	35 0	35 0	31 8	...	...	...	...	...	...	...	...	...	16 8	16 0	17 0	108 0	108 0	108 0	3 6	3 6	...	11 12	11 12	8 4	9 0 0	6 to 7	12 to 30
	Cachar	10 5	9 2	11 4	14 8	16 0	13 5	15 4	21 5	21 5	24 10	25 10	24 10	...	...	...	...	...	...	...	...	...	15 4	12 13	15 4	80 0	80 0	80 0	3 8	3 7	...	10 10	9 2	8 6	6 0 0	7 0 0	15 to 20
	Goalpara	22 0	26 11	32 0	...	...	...	11 0	13 5	16 0	16 0	20 0	21 5	...	...	...	...	...	...	...	...	...	10 0	13 5	16 0	120 0	120 0	120 0	3 8	3 8	..	10 0	10 2	8 0	6 to 10	7 to 10	10 to 20
	Garo Hills	4 0	4 0	4 0	...	...	...	5 0	5 0	5 0	14 0	18 0	18 0	...	...	...	...	...	...	...	...	...	8 0	8 0	6 8	160 0	160 0	160 0	5 6	5 6	...	6 6	6 6	5 5	7-8 to 8	7-8 to 10	7 8 0a
	Kamrup	16 0	19 0	13 0	...	...	...	13 0	11 0	16 0	18 0	18 0	20 0	...	...	...	...	...	...	...	...	...	13 0	13 0	13 0	160 0	160 0	200 0	3 2	3 4	...	12 0	11 0	8 0	7 0 0	8 0 0	12 0 0
	Darrang	...	...	...	...	...	...	10 0	10 0	8 0	16 0	16 0	16 0	...	...	...	...	...	...	...	...	...	9 0	8 9	7 9	160 0	160 0	160 0	4 8	4 8	...	8 0	8 0	6 0	7 to 11	8 to 10	8 to 20
	Nowgong	...	...	...	...	...	...	13 8	13 8	10 0	16 0	16 0	16 0	...	...	...	...	...	...	...	...	...	8 0	8 0	8 0	120 0	120 0	100 0	3 12	4 12	...	9 0	8 0	8 0	8 to 10	8 to 10	8 to 30
	Sibsagar	...	...	...	...	...	...	6 8	6 8	8 0	16 0	16 0	14 0	...	...	...	...	...	...	...	...	...	10 0	10 0	8 0	80 0	80 0	120 0	4 8	4 8	...	8 8	8 8	6 0	7 to 8	8 to 12	10 to 20
	Lakhimpur	8 0	8 0	8 0	10 0	10 0	...	7 0	7 0	8 0	16 0	16 0	16 0	...	...	...	...	...	...	...	...	...	12 0	12 0	12 0	120 0	120 0	80 0	5 0	5 0	...	8 0	8 0	6 0	11 4 0	10 0 0	20 to 50
	Khasi and Jaintia Hills	...	...	8 0	...	...	..	10 0	10 0	9 0	11 0	11 0	10 0	...	...	...	...	...	...	...	...	...	10 0	10 0	...	...	...	...	5 0	5 0	...	8 0	8 0	5 5	7 to 20	10 to 12	15 to 30
	Naga Hills	...	...	...	...	...	...	5 0	5 0	4 0	8 0	8 0	...	...	...	...	...	...	...	...	...	...	2 0	2 0	3 0	120 0	120 0	120 0	13 0	13 0	...	3 0	3 0	2 8	9 to 20	9 to 10	30 to 50
	Arracan Division.																												S. C.	S. C.	S. C.						
British Burma.	Akyab	6 6	6 6	6 8	...	...	...	15 0	15 0	14 8	16 0	16 0	16 0	...	...	...	...	...	...	...	...	...	12 0	12 0	10 0	180 0	180 0	200 0	40 0	...	...	32 0	32 0	30 0	12 to 15	10 to 12	15 to 20
	Northern Arracan	...	...	..	...	...	...	10 0	10 0	...	11 0	11 0	10 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8 0	...	36 0	...	...	...
	Kyoukpyoo	...	...	...	...	...	...	19 1	18 12	17 1	20 9	20 4	18 9	...	...	...	...	...	...	...	...	...	4 0	4 0	4 0	200 0	200 0	280 0	*b*	*c*	...	...	...	42 0	10 0 0	10 0 0	30 0 0
	Sandoway	...	...	...	...	...	...	27 7	27 7	27 0	33 9	33 9	33 9	...	...	...	...	...	...	...	...	...	...	...	...	469 11	469 11	469 11	...	...	...	28 6	28 6	...	12 0 0	10 0 0	15 0 0
	Pegu Division.																																				
	Rangoon town and Hanthawaddy	16 4	16 4	15 5	...	...	...	13 13	13 2	12 2	15 4	16 4	13 2	...	...	...	...	...	...	...	...	...	19 7	19 7	21 1	324 0	324 0	310 0	50 11	50 11	...	22 10	22 10	...	10 0 0	12 0 0	30 0 0
	Tharrawaddy	...	...	...	...	...	...	14 4	8 14	13 4	17 2	14 4	15 14	...	...	...	...	...	...	...	...	...	16 5	8 14	8 8	540 11	535 11	535 11	15 10	...	...	27 7	29 12	29 14	8 0 0	14 0 0	10 0 0
	Prome	18 3	18 3	14 9	...	...	...	12 12	13 7	13 7	17 2	17 2	17 2	...	...	...	...	...	...	...	...	...	17 12	20 12	20 12	139 11	139 11	139 11	29 9	29 9	29 9	18 10	18 10	18 10	15 0 0	12 0 0	30 0 0
	Irrawaddy Division.																																				
	Thonegwa	...	...	...	...	...	...	11 9	12 9	10 12	14 11	17 7	12 3	...	...	...	...	...	...	...	...	...	16 13	16 13	22 7	184 8	184 8	366 6	39 6	39 6	22 10	35 7	35 7	37 5	20 0 0	...	20 to 35
	Bassein	...	...	...	...	...	...	19 2	19 14	12 1	22 11	21 9	13 8	...	...	...	...	...	...	...	...	...	14 0	12 6	13 0	172 11	172 11	19 6	42 8	35 7	24 12	25 6	29 6	21 12	12 0 0	15 0 0	40 0 0
	Henzada	...	...	...	...	...	...	14 5	17 15	11 15	19 8	26 0	15 10	...	...	...	...	...	...	...	...	...	...	...	...	183 8	183 8	183 8	29 9	29 9	35 8	29 9	29 9	29 10	15 0 0	12 0 0	22 0 0
	Thayetmyo	10 15	10 15	10 15	...	...	...	11 11	11 11	11 2	13 13	13 13	13 13	...	...	...	...	...	...	...	...	...	18 7	18 7	15 13	245 0	245 0	245 0	20 13	20 13	27 5	14 2	14 2	18 15	16 0 0	15 0 0	30 0 0

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GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XXVIII OF 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 16th July 1881.		Total mean length open.	Receipts for week ending 15th July 1882.		Total Receipts from 1st April to 16th July 1881.		Total Receipts from 1st April to 15th July 1882.		Total Increase in 1882-83.	Total Decrease in 1882-83.
			Total.	Per mile open.		Total.	Per mile open.	Total.	Per mile open per week.	Total.	Per mile open per week.		
	Guaranteed.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
22nd July 1882	Eastern Bengal ...	172	84,082	489	172	73,961	430	9,96,754	374	10,94,616	420	97,862	...
15th ditto ...	Oudh and Rohilkhund	547	63,458	116	547	93,100	170	15,35,226	183	16,20,306	195	85,080	...
22nd ditto ...	Sind, Punjab & Delhi	676	1,25,256	185	676	1,95,400	289	27,03,818	261	29,42,035	287	2,38,217	...
15th ditto ...	Madras ...	858	1,21,800	142	861	1,27,945	149	19,34,355	147	21,01,140	161	1,66,785	...
15th ditto ...	South Indian ...	655	71,507	109	655	61,392	94	11,94,448	119	12,03,242	121	8,794	...
22nd ditto ...	Great Indian Peninsula	1,448	3,41,489	236	1,458	3,46,976	238	1,07,87,051	442	1,15,60,974	525	7,73,923	...
15th ditto ...	Bombay, Baroda and Central India ...	444	89,404	201	461	1,14,237	248	37,04,744	545	36,23,151	518	...	81,59
	TOTAL ...	4,800	8,96,996	187	4,830	10,13,011	210	2,28,56,396	311	2,41,45,464	330	12,89,068	...
	State.												
15th July 1882	East Indian ...	1,504	7,06,869	470	1,507	8,29,662	551	1,25,19,904	544	1,32,83,556	581	7,63,652	...
15th ditto ...	Calcutta and South-Eastern ...	28	1,907	68	33	2,430	74	47,690	111	55,982	123	8,292	...
15th ditto ...	Nalhati ...	27	1,123	42	27	1,153	43	19,285	46	20,827	51	1,542	...
22nd ditto ...	Northern Bengal ...	231	28,369	123	233	32,150	138	4,50,649	127	5,41,370	153	90,721	...
22nd ditto ...	Tirhoot ...	76	8,152	107	85	11,901	140	1,84,509	148	1,95,528	152	11,019	..
22nd ditto ...	Patna-Gya ...	57	7,646	134	57	6,465	113	1,33,890	153	1,40,807	163	6,917	...
15th ditto ...	Muttra-Hathras ...	29	2,138	74	29	1,523	52	38,556	87	33,968	77	...	4,58
15th ditto ...	Cawnpore-Furrakhabad	86	5,778	67	87	6,026	70	80,006	60	98,263	74	18,262	...
15th ditto ...	Dildarnagar-Ghazipur	12	596	50	12	753	63	14,128	77	15,970	88	1,842	...
22nd ditto ...	Rajputana-Malwa ...	1,016	1,07,453	106	1,117	1,55,403	139	27,70,861	178	32,81,716	192	5,10,855	...
15th ditto ...	Wardha Coal ...	45	8,387	186	45	998	22	1,50,409	218	1,79,029	263	28,620	...
22nd ditto ...	Nagpur & Chhattisgarh	53	2,393	45	98	3,627	37	1,02,070	107	2,17,770	146	1,15,700	...
15th ditto ...	Rangoon and Irrawaddy Valley ...	161	16,621	103	161	18,033	112	4,70,705	191	4,73,275	194	2,570	...
15th ditto ...	Sindia ...	75	5,350	71	75	7,090	95	91,156	97	98,142	86	6,986	...
15th ditto ...	Punjab Northern ...	363	47,033	129	412	52,013	126	8,61,644	155	8,81,615	145	19,971	...
22nd ditto ...	Indus Valley and Kandahar ...	660	50,358	76	660	74,722	113	13,88,032	137	13,53,562	135	...	34,47
22nd ditto ..	Muttra-Achnera ...	...	...	...	23	986	43	...	...	17,644	50	17,644	...
	TOTAL ...	2,919	2,93,304	100	3,154	3,75,273	119	68,03,590	152	76,05,468	160	8,01,883	...
	Native States.												
15th July 1882	Bhavnagar-Gondal ...	119	1,913	16	194	8,065	42	2,90,561	104	3,41,656	116	51,095	...
22nd ditto ...	Nizam's ...	121	13,271	109	121	13,226	109	2,55,831	138	2,54,683	139	...	1,14
8th ditto ...	Mysore ..	58	1,726	30	...	(c)...	...	(a)44,312	53	(b)69,758	57	25,446	...
	TOTAL ..	298	16,910	57	315	21,291	68	5,90,704	107	6,66,097	109	75,393	...
	GRAND TOTAL ...	9,521	19,14,079	201	9,806	22,39,237	228	4,27,70,594	291	4,57,00,585	305	29,29,995	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	...	...	...	2,03,75,764	139	2,20,34,884	147	...	...
	NET RECEIPTS ..	...	...	...	...	...	...	2,23,94,830	152	2,36,65,701	158	12,70,871	...

(a) Total receipts from 1st April to 9th July 1881. (b) Total receipts from 1st April to 8th July 1882. (c) Return not received.

FRED. FIREBRACE, *Major, R.E.,*
Under Secretary.

SIMLA,
The 8th August 1882.

No. XXIX OF 1882.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

Latest return received.	Railways.	Total mean length open.	Receipts for week ending 23rd July 1881.		Total mean length open.	Receipts for week ending 22nd July 1882.		Total Receipts from 1st April to 23rd July 1881.		Total Receipts from 1st April to 22nd July 1882.		Total Increase in 1882-83.	Total Decrease in 1882-83.
			Total.	Per mile open.		Total.	Per mile open.	Total.	Per mile open per week.	Total.	Per mile open per week.		
	Guaranteed.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
29th July 1882	Eastern Bengal ...	172	1,06,213	618	172	88,973	517	11,02,967	389	11,74,687	423	71,720	...
22nd ditto ...	Oudh and Rohilkhand	547	65,921	121	547	81,783	150	16,01,147	180	17,02,423	192	1,01,276	...
29th ditto ...	Sind, Punjab and Delhi	676	1,25,613	186	676	1,60,448	237	28,29,431	257	31,02,483	284	2,73,052	...
22nd ditto ...	Madras ...	858	1,24,841	146	861	1,15,357	134	20,59,196	148	22,20,730	160	1,61,534	...
22nd ditto ...	South Indian ...	655	68,047	104	655	57,415	88	12,62,495	118	12,61,699	119	...	796
29th ditto ...	Great Indian Peninsula	1,448	3,61,377	250	1,458	3,06,098	210	1,11,48,428	472	1,18,70,773	507	7,22,345	...
22nd ditto ...	Bombay, Baroda and Central India ...	444	70,355	158	461	99,388	216	37,75,099	522	37,21,798	500	...	53,301
	TOTAL ...	4,830	9,22,367	192	4,830	9,09,462	188	2,37,78,763	304	2,50,54,593	322	12,75,830	...
	State.												
29th ditto ...	East Indian ...	1,504	6,91,313	460	1,507	9,25,022	613	1,32,11,217	539	1,41,83,271	583	9,72,054	...
22nd ditto ...	Calcutta and South-Eastern ...	28	1,933	69	33	2,470	75	49,623	108	58,456	120	8,833	...
29th ditto ...	Nalhati ...	27	1,095	41	27	1,088	40	20,380	46	21,905	50	1,525	...
29th ditto ...	Northern Bengal ...	231	26,828	116	233	29,400	126	4,77,477	127	5,78,266	154	1,00,789	...
29th ditto ...	Tirhoot ...	76	9,004	118	82	12,218	149	1,93,513	146	2,02,880	150	9,369	...
29th ditto ...	Patna-Gya ...	57	7,109	125	57	6,452	113	1,40,999	152	1 47,285	159	6,286	...
29th ditto ...	Muttra-Hathras ...	29	2,276	78	29	1,307	45	40,832	86	35,314	76	...	5,518
29th ditto ...	Cawnpore-Furrakhabad	86	5,042	59	87	6,788	78	85,048	61	1,05,460	75	20,412	...
22nd ditto ...	Dildarnagar-Ghazipur	12	461	38	12	714	59	14,589	75	16,674	86	2,085	...
29th ditto ...	Rajputana-Malwa ...	1,016	81,274	80	1,117	1,32,168	118	28,52,135	172	34,24,769	190	5,72,634	...
29th ditto ...	Wardha Coal ...	45	10,195	227	45	1,547	34	1,60,604	219	1,81,104	249	20,500	...
29th ditto ...	Nagpur and Chhattisgarh ...	53	2,760	52	98	3,439	35	1,04,830	106	2,22,100	141	1,17,270	...
22nd ditto ...	Rangoon and Irrawaddy Valley ...	161	16,704	104	161	17,373	108	4,87,409	185	4,87 178	188	...	231
29th ditto ...	Sindia ...	75	4,849	65	75	5,009	67	96,005	78	1,03,247	85	7,242	...
29th ditto ...	Punjab Northern ...	363	47,628	131	412	50,773	123	9,09,272	154	9,32,388	144	23,116	...
29th ditto ...	Indus Valley and Kandahar ...	660	50,001	76	660	1,17,396	178	14,38,033	134	14,70,591	138	32,558	...
29th ditto ...	Muttra-Achneyra ...	...	...	...	23	1,042	45	...	...	19,159	52	19,159	...
	TOTAL ...	2,919	2,87,159	92	3,151	3,89,184	124	70,70,749	148	80,06,776	158	9,36,027	...
	Native States.												
22nd ditto ...	Bhavnagar-Gondal ...	119	2,574	21	194	8,879	46	2,93,135	101	3,50,535	112	57,400	...
22nd ditto ...	Nizam's ...	121	14,309	118	121	15,347	127	2,70,140	137	2,72,556	139	2,416	...
22nd ditto ...	Mysore ...	58	2,000	34	86	5,884	68	48,037	51	81,114	58	33,077	...
	TOTAL ...	298	18,883	63	401	30,110	75	6,11,312	105	7,04,205	108	92,893	...
	GRAND TOTAL ...	9,521	18,99,722	200	9,889	22,53,778	228	4,46,72,041	286	4,79,48,845	300	32,76,804	...
	GROSS ESTIMATED EXPENSES ...	...	...	...	..	...	...	2,13,83,531	127	2,31,59,104	145	...	...
	NET RECEIPTS ...	...	...	...	...	...	...	2,32,88,510	149	2,47,89,741	155	15,01,231	...

SIMLA
The 14th August 1882.

FRED. FIREBRACE, *Major, R. E.,*
Under Secretary.

L

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

CIVIL WORKS.

Irrigation.

REVENUE REPORT OF IRRIGATION WORKS IN SIND.

No. 277-84I, dated Simla, August 3, 1882.

RESOLUTION—By the Government of India, Public Works Department.

Read—

Letter from the Government of Bombay, No. 155W.I.-337, dated 16th June 1882, submitting Revenue Report of the Irrigation Department in Sind for 1880-81.

OBSERVATIONS.—The Capital expenditure during the year under review amounted to Rs. 2,71,933, and the total outlay incurred under this head up to the end of the year to Rs. 86,90,954, including direct and indirect charges. Of this amount Rs. 22,87,721 have been expended on Productive Public Works and Rs. 64,03,233 on other Irrigation works, for which Capital and Revenue Accounts are kept.

2. The total amount of interest charges payable during the year amounted to Rs. 3,68,442, which was less than the net direct and indirect revenue from works for which Capital and Revenue Accounts are kept by Rs. 2,25,977. The surplus of accumulated net revenue (direct and indirect) over the accumulated interest charges to the end of the year amounted to Rs. 42,01,794.

3. The gross receipts from all sources amounted to Rs. 26,25,894* during the year, the gross receipts of the previous year having been returned as amounting to only Rs. 9,51,705. The difference is mainly due to the revenue from "works for which only Revenue Accounts are kept," having been included in the revenue returns of 1880-81 and omitted from those of previous years. The revenue from these works amounted to Rs. 15,21,815 for 1880-81, and the balance, Rs. 11,04,079, exceeded the corresponding returns of the previous year by Rs. 1,52,374.†

	Rs.
* Water rates, &c.	99,088
Collected with land revenue,	25,26,806
TOTAL	26,25,894

	Rs
† Revenue from Productive Public Works and other works for which Capital and Revenue Accounts are kept—	
1880-81	11,04,079
1879-80	9,51,705
TOTAL ...	1,52,374

4. The maintenance charges on irrigation works of all kinds amounted to Rs. 12,21,809, and the net revenue to Rs. 14,04,085. The net revenue from works for which Capital and Revenue Accounts are kept amounted to Rs. 5,94,419, and returned 6·84 per cent. upon the Capital outlay to the end of the year.

5. The total area cultivated under canal irrigation was 181,522 acres less than the average of the four years immediately preceding 1880-81.‡ The decrease was entirely caused by the lowness of the inundation of 1880 during the end of August and early part of September, and but for a sudden rise in the flood-level in the middle of September and a seasonable fall of rain, the decrease would have been much greater.

‡Year.	Acres cultivated.		
	Kharif.	Rabi.	TOTAL.
Average of 4 years 1876-77 to 1879-80.	1,208,307	350,281	1,558,588
1880-81	1,215,052	162 014	1,377,066
1880-81	+6,745	−188,267	−181,523

6. The irrigating duty done by the water is shown below for the five canals, of which the discharges may be regarded as approximately correct —

Canal.	Average discharge in cubic feet per second.	Areas of different crops irrigated.				Areas irrigated.		Total area irrigated.	Area irrigated per cubic foot per second.
		Jowari.	Bajri.	Rice.	Other crops.	By flow.	By lift.		
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
Desert	1,088	71,104	3,835	431	725	64,795	10,800	75,595	69·5
Begari	2,260	58,781	231	6,027	6,155	61,962	8,232	70,194	31·0
Sukkur	1,610	18,641	186	22,497	8,236	44,991	4,569	49,560	30·8
Mithrau	944	250	14,458	29,266	6,318	33,015	17,277	50,292	53·3
Fuleli	5,169	6,221	69,127	104,193	15,944	108,361	87,124	195,485	37·8

The high duty obtained on the Desert canal was evidently due to the large proportion of millets (jowar and bajra) irrigated from it ; that on the Mithrao canal to the high proportion of lift irrigation and to the careful regulation of the supply in accordance with the demand. On the Begari canal the low duty must have been caused by a supply much in excess of the demand for water, and that on the Fuleli by the very large proportion of rice irrigation to the total area watered.

7. The maintenance charges averaged Re. 0·88 per acre irrigated, the average rate of maintenance on the Punjab inundation canals having been Re. 1·02 per acre during 1880-81, and Re. 1·05 per acre for the three years ending with 1880-81.

8. The cost of collecting the canal revenue, as given in paragraph 9 of the Superintending Engineer's reoprt (Rs. 2,53,162), seems very high, unless the cost of measurement and assessment of irrigated areas is included in the charge for collection.

9. The Government of India is glad to learn that, owing to the growing confidence of the cultivators in Sind in the stability of the protective embankments, and to the effective arrangements for an improved supply of water, there are good grounds for expecting a steady increase in the canal revenue of future years.

ORDER.—Ordered, that a copy of this Resolution be forwarded to the Government of Bombay in the Public Works Department for information.

Also, that a copy of this Resolution, of the Report, and of the Resolution by the Government of Bombay, be forwarded for information to the Governments noted in the margin in the Public Works Department.

Madras, Bengal, North-Western Provinces and Oudh, and Punjab.

Also, that a copy of this Resolution, and of the Resolution by the Government of Bombay, be forwarded to the Department of Finance and to the Revenue and Agricultural Department for information ; and to the Publisher of the *Gazette of India* for publication in the Gazette Supplement.

HENRY A. BROWNLOW *Colonel, R. E.,*
Deputy Secretary to the Government of India.

General Abstract of Financial results of Irrigation and Navigation works in Sind for and up to the close of 1880-81.

		WORKS IN OPERATIO												
		PRODUCTIVE PUBLIC WORKS.			IRRIGATION AND NAVIGATION WORKS.									GRAND TOTAL.
		Begari Canal	Mithrau Canal.	Total.	Eastern Nara works.	Desert Canal.	Sukkur Canal.	Ghar Cana .	Alibhur Kutcherry Canal.	Great Marrak Canal.	Surfrazwale Canal.	Fuleli Canal.	Total.	
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital Outlay.														
During year	Direct	39,677	4,042	43,719	1,53,143	61,475	4,826	...	...	...	...	...	2,19,444	2,63,163
	Indirect	1,323	135	1,458	5,102	2,049	161	...	...	...	...	...	7,312	8,770
	TOTAL	41,000	4,177	45,177	1,58,245	63,524	4,987	...	...	...	...	...	2,26,756	2,71,933
To end of year	Direct	12,11,348	9,98,180	22,09,528	23,89,790	6,99,233	12,33,814	4,15,537	23,207	1,81,164	1,18,558	10,77,561	61,38,864	83,48,392
	Indirect	35,011	43,182	78,193	1,00,351	28,953	54,780	23,448	710	6,988	5,853	43,286	2,64,369	3,42,562
	TOTAL	12,46,359	10,41,362	22,87,721	24,90,141	7,28,186	12,88,594	4,38,985	23,917	1,88,152	1,24,411	11,20,847	64,03,233	86,90,954
Gross Revenue.														
During year	Direct	1,431	706	2,137	32,125	1,034	561	5,281	118	1,044	1,394	21,715	63,272	65,409
	Indirect	66,288	12,1,767	1,88,055	50,393	96,620	27,769	3,46,154	7,878	63,476	15,343	2,42,982	8,50,615	10,38,670
	TOTAL	67,719	1,22,473	1,90,192	82,518	97,654	28,330	3,51,435	7,996	64,520	16,737	2,64,697	9,13,887	11,04,079
To end of year	Direct	19,030	61,748	80,778	3,55,090	2,388	5,966	1,48,078	7,043	30,374	18,453	4,50,440	10,17,832	10,98,610
	Indirect	21,68,082	12 24,939	33,93,021	16,84,606	6,83,974	3,12,989	78,85,298	54,035	3,69,091	73,471	26,16,059	1,36,79,523	1,70,72,544
	TOTAL	21,87,112	12,86,687	34,73,799	20,39,696	6,86,362	3,18,955	80,33,376	61,078	3,99,465	91,924	30,66,499	1,46,97,355	1,81,71,154
Working Expenses.														
During year	Direct	71,212	38,155	1,09,367	40,788	27,436	53,772	1,16,754	4,234	12,189	10,581	1,34,539	4,00,293	5,09,660
	Indirect	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
	TOTAL	71,212	38,155	1,09,367	40,788	27,436	53,772	1,16,754	4,234	12,189	10,581	1,34,539	4,00,293	5,09,660
To end of year	Direct	12 57,902	8 93,648	21,51,550	8,69,208	1,87,185	5,02,755	19,65,899	46,976	1,30,094	86,995	29,39,352	67,28,464	88,80,014
	Indirect	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
	TOTAL	12,57,902	8,93,648	21,51,550	8,69,208	1,87,185	5,02,755	19,65,899	46,976	1,30,094	86,995	29,39,352	67,28,464	88,80,014
Net Revenue.														
During year		—3,493	84 318	80,825	41,730	70,218	—25,442	2,34,681	3,762	52,331	6,156	1,30,158	5,13,594	5,94,419
To end of year		9,29,210	3,93 039	13,22,249	11,70,488	4,99,177	—1,83,800	60,67,477	14,102	2,69,371	4,929	1,27,147	79,68,891	92,91,140
Simple Interest.														
During year		53,618	44,827	98,445	1,04,095	30,082	54,552	18,699	1,044	8,152	5,335	48,038	2,69,997	3,68,442
To end of year		6,09,254	6 84,186	12,93,440	16,96,230	2,06,265	6,41,497	2,61,749	7,946	58,184	43,617	8,80,418	37,95,906	50,89,346
Net profit after paying off Interest.														
During year		—5 ,111	39,491	—17,620	—62,365	40,136	—79,994	2,15,982	2,718	44,179	821	82,120	2,43,597	2,25,977
To end of year		3,19,956	—2,91,147	28,809	—5,25,742	2,92,912	—8,25,297	58,05,728	6,156	2,41,187	—38,688	—7,53,271	41,72,985	42,01,794

(a).—Not yet calculated.

NOTE.—In addition to above the receipts from, and the expenditure on, the works for which capital accounts are not kept during 1880-81, are as follows:—

	Receipts.	Expenditure.
	Rs.	Rs.
Works for which only revenue accounts are kept	15,21,815	7,12,149
Agricultural works	1,877	79,088

No. 143 W. I.—316, dated 9th June 1882.

RESOLUTION—By the Government of Bombay, Public Works Department,

Read—

Letter from the Secretary to the Government of India, No. 1401., dated 29th April 1882.

ABSTRACT.—In returning for revision the Revenue Report of the Irrigation Department in Sind for 1880-81, forwarded with this Government letter No. 94 W.I.—198, dated 27th March 1882, points out that the figures showing the total direct and indirect receipts of canal revenue for 1880-81, as entered in Table VI. attached to the report, do not agree with those shown by the Examiner in his accounts, the difference between the two sets of figures being Rs. 42,647; again, under the head "Working Expenses," there is a difference of Rs. 1,77,455 between the Examiner's figures and those given in Table IV. of the report. Requests, therefore, that steps may be taken to establish a proper system of intercommunication between the Local Government and the Examiner of Public Works Accounts, in order to avoid such discrepancies in future. The Examiner should lay his accurate figures before the Local Government, and the Government should allow the Examiner the opportunity of checking his figures in the draft report before it is finally printed off. Adds that the Examiner is responsible for supplying correct figures, and these figures, and none other, should be used in the report. The report, herewith returned, should be re-submitted with the necessary alterations as early as possible.

Memorandum from the Examiner of Public Works Accounts, No. H.—72, dated 20th May 1882.

Abstract.—With reference to Government Memorandum No. 278I., dated 12th May 1882, reports as below:—

The figures of the Examiner's accounts, alluded to by the Government of India, with which Tables IV. and VI. appear to have been compared, are apparently those exhibited in the General Abstract of Financial Results appended at pages 36 and 37 of the Revenue Report, and these are in accord with the General Revenue Accounts furnished by the Examiner, to the Superintending Engineer for Irrigation in Sind.

2. The difference under receipts is chiefly due to the Superintending Engineer having included in direct receipts, assessments of Rs. 42,646, on account of water-cess in Khelat Territory, *vide* note at foot of Table III., against which no credits for actual realisations were afforded to this Department in the Treasury Accounts for 1880-81. This amount is not included in the Examiner's figures as water-rates which are treated as direct receipts, are accounted for according to actual realisations in the year in which they are effected and credited to this Department in the Treasury Accounts. Realisations, amounting to Rs. 26,000, on account of the above assessments, have been paid into the Treasury to the credit of this Department, during the year 1881-82, and this will be included in the Revenue Accounts of the canals concerned for that year. It may be here observed that the Superintending Engineer had pointed out the omission of the water-cess in question in the General Revenue Account furnished to him, and its omission was explained in paragraph 1 of the Examiner's No. H.—158 of 28th November 1881 (extract attached). On comparing the Table VI. with the General Revenue Accounts, other slight differences of one or two rupees have been noticed in the figures shown against some of the canals, which it is hardly necessary to detail here. The net total difference is Rs. 42,647, as pointed out by the Government of India, of which Rs. 4,21,646 are on account of water-cess in Khelat Territory, and one rupee on account of minor differences.

3. Table IV. exhibits only direct outlay, and the figures shown under Revenue expenditure includes also outlay incurred on agricultural works, for which neither Capital nor Revenue Accounts are kept, while the Examiner's figures of working expenses include both direct and indirect charges, debitable to Revenue Accounts. The two sets of figures may be reconciled as follows:—

	Rs.	Rs.	Rs.
Direct outlay under Revenue Expenditure as shown in Table IV.			10,44,354
Add—			
Refunds of Revenue debited to Revenue Outlay omitted by the Superintending Engineer, as stated in paragraph 9 of the report,		603	
Outlay from contributions on Revenue Works included by the examiner, but omitted by the Superintending Engineer		6,888	
Indirect charges for collection of revenue by the Civil Department, separately shown by the Superintending Engineer in the last column of Table VII., included by the Examiner in working expenses:—			
As shown in Table VII.	2,53,162		
Deduct—Collection charges for Rs. 42,646 on account of water-rates in Khelat Territory, not taken into account by the Examiner, for the reasons stated in paragraph 2 above	4,265	2,48,897	
			2,56,388
			13,00,742

M

Deduct—		
Outlay in agricultural works for which neither Capital nor Revenue Accounts are kept, included in Table IV., *viz.*,—		
Kashmor Bund	54,798	
Kasimpur Bund, included in the expenditure shown against bunds in Rohri	24,135	
		78,933
Total working expenses as per Examiner's Accounts .		12,21,809

4. The Examiner begs to forward, for the information of Government, copy of letter No. H.—16 of 28th ultimo, which he has addressed to the Superintending Engineer after the receipt of the printed copy of the Revenue Report, in which necessary explanation has been afforded for including the charge Rs. 603 on account of refunds in the Revenue Outlay. The expenditure incurred from contributions for constructions of sluices at Kariah heads, &c., on canals has been included by the Examiner in the Revenue Accounts, as hitherto. It has, however, been since settled on a reference lately received from the Executive Engineer, Fuleli division, and with concurrence of the Superintending Engineer that such outlay is not strictly chargeable to Revenue, and accordingly it will be omitted in future Revenue Accounts, as stated in paragraph 3 of the Examiner's letter quoted above.

5. The following points are also noticed with regard to classification and details of expenditure in Table IV.—

(1.) The expenditure on Kashmor and Kasimpur Bunds has been shown under Revenue Expenditure, but it should have been shown separately under the heading "Ordinary Agricultural Works, for which no Capital and Revenue Accounts are kept," as desired in paragraph 9 of Government Resolution No. 482 of 5th September 1881.

(2.) Jhali Bund is treated as a part of Ghar Canal per paragraph 10 of the Government Resolution above quoted, and the expenditure incurred on this bund has been accordingly included by the Examiner in the working expenses of that Canal, but the Superintending Engineer has included it in the outlay shown in the Table against bunds in Right Bank.

(3.) Tools and Plant charges are accounted for separately in the Examiner's Accounts, whereas these are included in the Table with those for establishment.

(4.) Under Revenue expenditure, the Superintending Engineer has distributed the establishment charges (including those for Tools and Plant) under works (*i. e.*, Extensions and Improvements) and Maintenance and Repairs, but no such distribution is recorded in the Examiner's Accounts, as this is not required to be shown in the Annual Finance or Administrative Accounts.

(5.) Likewise establishment charges for works for which only revenue accounts are kept are recorded in the Examiner's accounts in lump by each division. These have been distributed by the Superintending Engineer over different canals, which appear separately in the Table. As the canals, which are shown separately, are large, the Superintending Engineer has thought it proper to distribute the establishment charges, so as to show the total expenditure on each, and the Examiner has no objection to this being done, but he has no ready means in his office to check the figures without making special calculations.

(6.) In conclusion, the Examiner begs to state that the discrepancies between the Revenue Report and the figures given by his office may be explained by the addition of brief foot-notes to Tables VI. and IV. Instructions may also be issued to the Superintending Engineer to avoid such discrepancies in future by following the figures furnished by the Examiner in the General Revenue Accounts.

Memorandum from the Examiner of Public Works Accounts, No.H.—97, dated 31st May 1882.

Abstract.—With reference to Government Memorandum No. 2981., dated 29th May 1882, returns the Revenue Report of the Irrigation Department in Sind for 1880-81, with the addition of requisite notes in Tables IV. and VI., explaining the differences pointed out by the Government of India; states that it is inconvenient to make any alterations in the printed figures, and trusts that the notes, now made in the Tables, will suffice.

RESOLUTION.—Copy of the report, with the addition of the requisite notes to Tables IV. and VI., should be forwarded to the Government of India, with copy of this Resolution, in reply to their letter No. 140 I., dated 29th April 1882.

2. A copy of the corrected report should also be forwarded to the Commissioner in Sind and to the Chief and Superintending Engineers for Irrigation, for information and guidance.

3. The Superintending Engineer for Irrigation in Sind should be again reminded that the Examiner of Public Works Accounts is responsible for supplying correct figures, and that these figures must invariably be used.

C. J. MERRIMAN, Major-General, R. E.,
Secretary to the Government of Bombay.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASONS AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 15th AUGUST 1882.

GENERAL REMARKS.—There has again been good rain in all districts of Assam and Bengal, excepting Hazaribagh. In the North-Western Provinces and Oudh heavy rain has occurred in the Benares Division and Fyzabad, but there has been little or no rain elsewhere. In the Punjab only three districts have reported some showers. In Rajputana and Central India there has been a little rain in a few States. In the Central Provinces there has been cloudy weather, with occasional showers. Heavy rain in Raipur and Sambalpur. The Bombay Presidency has had rain in varying quantities in almost all districts, the notable exception being parts of the Deccan. The Berars have had no rain. In the Nizam's territories there has been a light fall. Mysore has reported rain in all districts. Coorg continues to receive a comparatively heavy rainfall, though not so heavy as in previous weeks. The Madras Presidency has enjoyed a good light rainfall in all districts, except Malabar where it was heavier. In British Burma there has been heavy rain, especially in Moulmein.

The agricultural prospects are as follows. Excessive rain has somewhat injured standing crops in one or two districts of Madras, in parts of Coorg, in the western tracts of Mysore, and in a few places in the Central Provinces.

A break in the wet weather has improved crops in the Central Provinces and in Jhánsi. Timely rain has improved prospects in parts of Madras, North-Western Provinces and Oudh, Bengal, Assam, and the Nizam's territories, which needed it.

More rain is, however, required in a few districts in Madras and the Deccan and in some of the Rajputana States; also in the larger part of the North-Western Provinces and Oudh and the Punjab.

The rise in the barometer noticed in last week's report was followed by a slight fall, but the general tendency has been towards a rise all over India at the end of the week, and, except around the margin of the Indian area, the pressure has risen above the normal average.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(Aug. 16th)		
Bellary ...	1·78 (average of six stations).	Standing crops generally good, though dry partially withering and diseased; agricultural operations progressing.
Kurnool ...	1·17 (average of nine stations).	Prospects improved; standing crops generally benefited by timely showers; cattle-disease in parts.
Ganjam ...	1·22 (average of thirteen stations).	Standing crops thriving; harvest summer paddy, outturn average; fever, small-pox, and cattle-disease exist; cholera subsiding; transplanting paddy extremely backward owing to insufficient rain.
Kistna ...	·87 (average of nine stations).	Standing crops fair, but require water; fever and cattle-disease prevalent; small-pox slight.
Chingleput (Madras) ...	1·18 (average of ten stations).	Standing crops good under larger tanks and channels; agricultural operations progressing; cholera and small-pox in parts.
Coimbatore ...	·66 (average of eleven stations).	Paddy promising well; dry crops damaged by rain; want of rain felt; insects in some places; harvest dry crops, outturn about average; small-pox, fever, and cholera in parts.
Tanjore ...	·95 (average of twelve stations).	Crops good, except in parts damaged by breaches, withering in parts of one taluk for want of rain; cattle-disease in parts of one taluk.
Madura ...	·51 (average of six stations).	Standing crops fair, though withering in two taluks; harvest paddy, yield below average; fever and cholera in parts.
Malabar ...	7·54 (average of fourteen stations).	First crops generally good; small-pox, cholera, fever, and cattle-disease slight.
Travancore ...	3·54	Paddy crops beginning to ripen; fever continues. *General Remarks.*—General prospects good.
Bombay—(Aug. 16th)		
Kurrachee ...	Kurrachee, 89; Kotri, 2·65; Bulakhan, 1·25; Jerruck, 1·55; Keli, 1·61; Mirpur Botoro 3·0; Sujawal, 4·10; Jati, 2·30 Manjhand, 1·36; Mugulbin, 2·32.	Weather cloudy and damp; strong westerly breeze; fever in four talukas; 4 cases of small-pox in Tatta taluka; freshet from Gaj on 2nd; wheat, red rice, and *bajri* in Kurrachee 22, 36 and 35, in Manjhand 24, 44 and 46, in Ghorabari 18, 44 and 42, and in Jati 20, 40 and 44 lbs. per rupee, respectively.
Hyderabad ...	.....	River still in high flood; fever in three talukas; wheat 25, *juari* 45, *bajri* 40, red rice 30, and white rice 22 lbs. per rupee.
Ahmedabad ...	·08	Total rainfall 27·32; sowing of *bajri*, &c., completed; transplantation of rice continues; in Ahmedabad city 4 cases of cholera, all of which fatal; wheat 27 and *bajri* 31 lbs. per rupee.
Baroda ...	.....	Young crops thriving; cholera increasing at Amreli and decreasing at Manekwara; *bajri* 30 and common rice 24 lbs. per rupee.
Surat ...	·53	Total rainfall 32·44; crops generally healthy; *juari* 35 and *nagli* 52 lbs. per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Násik ...	Igatpuri, 2·56; Peint, 1·31; slight showers elsewhere.	Rain much wanted in Yeola and Baglan; sowing nearly completed; crops doing well; locusts continue in Nandgaon; slight cholera in Násik, Sennar, and Baglan; wheat 25, *bajri* 38, and rice 25 lbs. per rupee.
Colaba (Bombay) ...	Rain every day, except on 9th; total of week ·61.	Total rainfall to date 57·06, being 4·56 above average; average abnormal temperature 1° warm; vapour in air normal; abnormal wind from north-east on 9th, 10th, and 11th, from south-west on 15th; wind normal from 12th to 14th.
Poona ...	.....	Young crops suffering as usual from want of rain in Bhimthari, Indapur, and Sirur talukas; 13 cholera cases in Sirur and Bhimthari talukas, of which 6 fatal; *bajri* 45½ and *juari* 59¼, in Poona *bajri* 36¾ and *juari* 47¾ lbs. per rupee.
Ahmednagar ...	Very slight rain in Akola, Parner, Sheogaon, Nagar, Sangamner, and Rahuri; none in the rest.	Total average rainfall of the district 11·32; from want of rain *bajri* crop is withering in all talukas, except in Jhamkhed and Akola; cattle-disease in Nagar, Sheogaon, and Akola; cholera—in Parner 27 cases, 11 deaths, in Shrigonda 17 cases, 7 deaths, in Sheogaon 2 cases fatal; *bajri*—maximum 66 lbs. in Jhamkhed and minimum 43 in Shrigonda; *juari*—maximum 102 lbs. in Jhamkhed and minimum 54 in Kopergaon.
Sholapur ...	2·30; moderate rain everywhere.	Total rainfall 19·94; cholera more or less throughout, maximum number of cases in Barsi 51, minimum 1 in Malsiras—total cases 160, deaths 65; *bajri* 57 lbs. 3 tolas and *juari* 80 lbs. 37 tolas per rupee.
Dharwar	Good rain in eastern parts of district; Nargund, 4·54; Gadag, 3·33; Mundargi; 3·29; elsewhere—maximum at Hangal, 2·40; minimum at Karajgi, ·33.	Rain wanted in Ron; damaged crops improving by the break; land being prepared for cotton; *juari* sowing almost completed; public health good; cattle-disease in Hangal and Bankapur; prices stationary.
Kanara ...	Karwar, 5·43; Kumpta, 3·99; Sirsi, 6·01; Hallial, 2·57.	Total rainfall 85·78; rice, *ragi*, and sugarcane plants healthy; early rice crop in ear near Karwar; rains abating, and prospects improving; general health good; common rice in Karwar 11 seers, in district average 13¾ seers per rupee.
Rajkot ...	.....	Weather dry; crops thriving; cholera in some places; *bajri* 26 and *juari* 31 lbs. per rupee.
		General Remarks.—Rain in Kurrachee and floods in Shikarpur; break in weather general in Presidency districts; young crops are doing well, except in Kaladgi and parts of Ahmednagar, Poona, and Násik, where they are withering for want of rain; locusts in Khandesh and Násik; fever and cattle-disease in some districts; cholera in most districts of the Deccan and Southern Mahratta Country and in thana Khaira and parts of Kattiawar.
Bengal—(Aug. 16th)		
Chittagong ...	3·13	Weather seasonable; prospects of crops fair; cultivation of winter rice continues; prices steady; cholera, small-pox, and cattle-disease still prevail.
Dacca ...	3·55	Rain has done good to crops; cholera abating.
24-Pergunnahs (Calcutta)	1·84	Prospects of jute, early rice, and sugarcane continue satisfactory; cultivation of winter crops going on; insufficient rain has retarded transplanting of rice seedlings to some extent, but the crops not unpromising; prices of common rice unchanged; public health generally good; some sporadic cases of cholera reported from Diamond Harbour sub-division.
Moorshedabad ...	2·97	Prospects of crops better owing to late rain, but more rain still wanted for transplanting winter rice; autumn rice being harvested; except a little fever, public health fairly good.
Rajshahye ...	1·78; Nattore, 1·54	Rain of 14th will do some good to crops; winter rice being transplanted; fever abating.
Burdwan ...	0·63; Cutwa, 3·55; Culna, 0·89; Raniganj, 2·46.	Prospects of crops somewhat better, especially in Cutwa and Raniganj; fever and cholera reported.
Rungpore ...	3·38	Weather cloudy; transplanting of winter rice resumed; more rain wanted; public health good.
Bhagálpur ...	2·80	Prospects of crops good; rain has done much good to the young seedlings of winter rice.
Purneah ...	6·92	Prospects of crops very much improved; some autumn crops being harvested; transplanting going on vigorously; health fair; rivers high.
Patna ...	6·67	Prospects of autumn crops favourable; transplanting of rice seedlings going on in low lands; prospects better than last week; cholera has not yet disappeared from Barrh and Behar sub-divisions.
Durbhunga ...	8·87	Prospects of crops greatly improved; transplanting progressing vigorously; prices stationary; health improved.
Hazáribágh ...	*Nil*	Weather hot and close; autumn crops doing well; rain wanted for transplanting rice; small-pox still reported from one or two thanas, but general health good.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bengal—*contd.*		
Cuttack ...	1·31	Rivers have receded ; prospects of crops excellent ; cholera still prevalent.
		General Remarks.—Rain fell in all districts during the week, except in Hazaribagh ; general prospects have improved, but rain is still much wanted in many districts ; cultivation of winter rice has been resumed, and is progressing favourably where the rain was abundant during the week ; early rice and other autumn crops and sugarcane are doing well ; early rice and jute are being harvested in some districts, with fair average outturn ; sporadic cases of cholera and small-pox still reported from some districts ; fever has appeared in some districts, it is increasing in Nuddea, and is prevalent in Backergunge, but is said to be abating in Rajshahye.
N. W. Provinces and Oudh—		
Benares (Aug. 15th)	11·3 ; Chandauli, 6·6 ; Gungapore, 4·2.	Sufficient rain now fallen for transplanting late rice ; health of cattle good ; some isolated cases of cholera are still reported ; markets well supplied ; prices falling.
Cawnpore („ „)	No rain, except 0·1 in Bilhaur.	Weather somewhat cloudy ; prospects excellent, but rain wanted for some crops ; cholera increasing ; prices stationary.
Allahabad („ 16th)	Hardly any rain during the week, none in five tahsils.	Rain much wanted, especially for *bajri* lately sown ; rice much injured by long break ; cholera rapidly decreasing in amount and virulence ; prices rising.
Gorakhpur („ 15th)	Average 10·0 ; heavy rain all over the district for the last three days.	Rice crops greatly benefited ; prospects good ; health fair ; slight cholera ; prices falling.
Jhánsi („ 14th)	.....	Break in the rains has done good to standing crops, those which looked the worse from excessive rain are reviving ; weeding of cotton and *juari* in progress ; prices stationary ; cholera continues in two villages, but has disappeared in Segowlie ; cattle-disease is reported from parganas Jhánsi and Mau.
Agra („ 15th)	No rain	Slight fever continues in six parganas ; no cholera now in Ferozabad ; general health good ; prices slightly falling.
Farukkabad („ „)	Light rain in one tahsil, none elsewhere.	Rain much needed ; prices steady ; cholera still reported from Aligarh, but there were few fatal cases.
Bareilly („ „)	0·8	Weather hot, but seasonable ; crops excellent ; cholera on the increase and fever rather prevalent.
Meerut („ „)	Slight shower yesterday.	Hot westerly wind and clear sky till 13th, since then less heat and more cloud ; rain much wanted ; irrigation commenced where available ; health good ; supplies sufficient, but prices rising.
Kumaun („ „)	Rain light	Crops very good ; health good generally speaking ; cattle-disease somewhat less ; no change in prices.
Lucknow („ „)	Sadr, 1·0 ; Maliabad, 0·5 ; Mohanlalganj, 0·2.	Crops much benefited by the rain, but more still wanted ; rice crop suffering in Mohanlalganj for want of sufficient rain ; much sowing going on ; cholera still continues in city and district ; prices steady.
Rae Bareli („ 14th)	Sadr, 0·3 ; Digbijaiganj, 1·4.	Cholera on the increase ; cattle-disease continues in some villages of tahsil Dalman ; agricultural prospects fair ; prices stationary.
Partabgarh („ 15th)	.....	Crops doing very well at Kunda and Patti ; more rain wanted at Sadr, where *juari* and *bajri* are suffering somewhat from drought ; general health fair ; cholera in two tahsils.
Sitapur („ „)	Sitapur, 1·1 ; Sidhauli, 3·3 ; Biswan, 2·4.	Rain has done much good ; rice everywhere improved ; cholera still bad ; prices slightly rising ; markets well supplied.
Fyzabad („ „)	Sadr, 6·5 ; Akbarpur, tehsil, 5·3 ; Bikapur, 4·0 ; Tanda, 4·7.	*Kharif* crops promising ; slight cholera at Sadr and tahsils ; cattle-disease in tahsils Bikapur and Akbarpur.
		General Remarks.—Heavy rain in Benares division and Fyzabad, prospects much improved there, elsewhere a break in the rains has set in which is beneficial in Jhansi, but is causing injury in other districts ; prices on the whole stationary ; slight cholera general, except in Meerut division, but is decreasing in eastern districts ; fever has appeared in Rohilkhand ; cattle-disease continues in Oudh, Jhánsi, and Saharanpur.
Punjab—(Aug. 16th)		
Delhi ...	Rain required	Health fair ; slight rise in prices of food-grains.
Hissar ...	.....	Crops suffering from want of rain ; health good ; prices rising.
Umballa ...	.....	*Kharif* sowings finished ; health fair ; prices rising ; rain required.
Jullundur ...	No rain	Crops withering ; health good ; prices rising.
Amritsar ...	0·70	*Kharif* sowings completed ; health good ; prices rising.
Sialkot ...	0·50	Health good ; prices rising.
Lahore ...	No rain	Health good ; prices stationary.
Ferozepore ...	No rain	Health good ; prices stationary.
Mooltan ...	.....	No report received.
Rawalpindi ...	3·90	Health good ; prices falling.
Dera Ismail Khan ...	No rain	Agricultural prospects and health good ; prices steady.
Peshawar ...	No rain reported	*Kharif* prospects and health good ; prices stationary.
		General Remarks.—More rain is required in the Delhi, Hissar, Umballa and Jullundur districts ; in Hissar and Jullundur the crops are suffering from want of moisture ; the health of the province generally is good ; prices of food-grains generally show a tendency to rise.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Central Provinces—		
Nagpur (Aug. 16th)	·18	Weather warm and cloudy; crops much improved by th continued break; cholera reported; prices of grain low.
Jubbulpore („ 15th)	·07	Weather cloudy; break beneficial for weeding operations which are in progress; cholera is abating.
Saugor („ 14th)	.....	Weather clear, favourable to crops; some damage caused by previous wet weather; cholera abating; prices stationary.
Seoni („ 15th)	·50	Break has facilitated weeding; *kharif* crops flourishing; cholera and small-pox prevailing.
Khandwa („ „)	·13	Weather cloudy and close; *kharif* prospects good; cholera prevalent; wheat 14 seers per rupee.
Hoshangabad („ „)	·12	Cloudy, with occasional showers; weeding in progress; small-pox and cholera prevalent; rice 9 seers per rupee.
Raipur („ 12th)	5·87, heavy rain	Weather cloudy and close; *kharif* crops progressing; cholera prevalent; rice 45 seers per rupee.
Sambalpur („ 10th)	9·21, heavy rain	Break much needed; fever prevalent; rice 36 seers per rupee.
		General Remarks.—Weather cloudy and close, with occasional showers; break has facilitated weeding operations; *kharif* crop promises favourably; cholera and small-pox still reported; prices stationary.
British Burma—(Aug. 16th)		
Akyab ...	7·20	Total rainfall 156·09 inches; 4 deaths from cholera in one township, disease also prevailing in another township, small-pox in one township, otherwise public health good; cattle-disease severe in one township; sowing nearly finished.
Rangoon ...	4·37	Total rainfall 54·66 inches; 1 fatal case of cholera, otherwise public health good; progress of crops favourable.
Bassein ...	8·72	Total rainfall 82·90 inches; 27 deaths from cholera in one and 16 in another township, also 1 death in Bassein town, otherwise public health good; cattle-disease in three townships; ploughing and planting out proceeding favourably.
Prome ...	2·31	Total rainfall 25·16 inches; no deaths from cholera in Prome town, but 14 deaths in Mahathaman township, otherwise public health good; ploughing proceeding.
Amherst (Moulmein) ...	15·33	Total rainfall 141·92 inches; public health in Moulmein and district good; cattle-disease still prevalent in three townships; resowing at places where crops destroyed by excessive rain.
Toungoo ...	2·65	Total rainfall 53·06 inches; 1 death from small-pox in town, otherwise public health fair; slight cattle-disease in two townships.
		General Remarks.—Cholera in Akyab, Tharrawaddy, Bassein, Henzada, and Prome and a few cases elsewhere; a little small-pox in Akyab and Toungoo, public health otherwise good; cattle-disease still prevalent in many places.
Assam—(Aug. 16th)		
Gauhati ...	5·03	Rain very opportune and apparently sufficient for transplanting operations; river rising; public health good.
Sylhet ...	6·12	Cultivation for, and transplantation of, *sali* paddy going on rapidly; *aus* paddy being harvested, a better crop than expected; some *amun* in some danger from rapid rise of waters; weather good for tea.
Cachar ...	4·30, rainy	State of *dumahi* and *murali* crops and tea favourable; transplanting of *sali* crops going on; common rice 25¾ seers per rupee; health good; no more cattle-disease reported.
Dibrugarh ...	2·82	Weather seasonable; *sali dhan* being transplanted rapidly; *ahu dhan* nearly harvested; public health generally good; cattle-disease still continues in a few places.
Mysore and Coorg—(Aug. 16th)		
Bangalore ...	1·07	Crops in good condition; prospects favourable.
Mysore ...	2·40	Crops in good condition; prospects favourable.
Mercara ...	6·36	Monsoon continues, but is lighter; transplanting of rice nearly finished; the crop in the north-east Coorg and young coffee plants have suffered from excessive rain.
		General Remarks.—Rain has fallen generally throughout the Mysore State, largest quantity 2·58 at Chickmagalur; crops in good condition, but those on the western side of the State are suffering from excessive rain; propects favourable; public health good; prices satisfactory.
Berar & Hyderabad—(Aug. 16th)		
Amráoti ...	.....	*Kharif* and cotton crops progressing favourably; price of wheat 16 and *juari* 28 seers per rupee.
Akola ...	.....	Crops in good condition; prospects favourable.
Hyderabad ...	2·33	*Kharif* crops benefited; *rabi* sowings recommenced, except in one taluka where there has been very little rain; prices—wheat 15¾, coarse rice 10¼, white *juari* 25¾, yellow *juari* 30, and *tur* 26½ seers per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Central India States—(Aug. 16th)		
Indore ...	·93	Prospects unchanged; a few cases of cholera in Indore city, otherwise health good.
Morar (Gwalior) ...	No rain	Health and prospects good; rain much needed for crops.
Sutna ...	·03	A few cases of cholera at Sutna; prospects good.
Rutlam ...	.....	From 29th July to 4th August, 34 cases of cholera, of which 18 were fatal.
Neemuch ...	No rain	Public health good; crops thriving.
Goona ...	No rain	Health good; wheat 21 seers per rupee; prospects fair.
Bhopal ...	·07	Prospects of crops good.
Agar ...	.....	The break in the rains continues; prospects good; health at Agar good; prospects of crops good.
Nowgong ...	·01	*Kharif* crops good; prices stationary; cholera still prevalent, and a few cases of small-pox.
Manpur ...	No rain	Health good; prices stationary.
Rajputana—		
Abu (Aug. 16th)	·91	Weather gloomy, with occasional showers.
Sirohi („ 13th)	.....	Tanks, wells, health, and prospects good.
Marwar („ 11th)	No rain	Four months' water in tanks; wells almost full; health good; crops in good condition; weather cloudy; winds sharp; nights cool; prices stationary.
Meywar („ 12th)	No rain	Tanks and wells good; health fair; crops very good.
Harowti („ „)	No rain	Crops good; weeding progressing; cholera prevails, though less at Tonk; weather cloudy and warm.
Jhallawar („ 9th)	2·20	Weather bright; prospects fair.
Ajmere („ 15th)	No rain	Sowing continues; prospects good; health fair, but cholera not quite disappeared.
Jeypore („ „)	*Nil*	Prices stationary; cholera in city slightly on the increase, averaging 6 fatal cases daily.
Ulwur („ „)	.....	The break in the rains continues; rain wanted; prices steady; health fair.
Nepal—		
Katmandu (Aug. 11th)	5·09	Weather cool; outturn of Indian-corn likely to be below average; rice doing well.

Circular No. 35G.

Extract from the Proceedings of the Government of India in the Revenue and Agricultural Department (General),—under date Simla, the 10th August 1882.

Read—

Correspondence regarding an earthquake felt in the Nicobar and Andaman Islands on the 31st December 1881.

Proceedings in the Department of Public Works during 1878-1879-1880 on the subject of seismological observations in India.

RESOLUTION.

In 1877 it was suggested by the Royal Society of Great Britain that a systematic observation of earthquake shocks should be instituted in India through the medium of the principal telegraph stations. The scheme was discussed, but eventually was abandoned owing to circumstances which prevented the Society from co-operating, and no efficient means of observing the phenomena of earthquakes in British India at present exist.

2. The Superintendent of the Geological Survey and the Meteorological Reporter to the Government of India have frequently represented the desirability of establishing at a small number of places some cheap and simple means of taking such observations in future. The Superintendent of the Geological Survey states that a set of instruments of the kind detailed in the margin, which will enable the direction and strength of an earthquake to be approximately recorded, can be procured at a cost of Rs. 105. A shed or small room would also be needed, but the entire cost of the instruments and building would probably not exceed Rs. 250 for each station. By attaching the stations to 1st or

Set of eleven brass cylinders; pillar 6″ square, 7′ long; measuring rod; compass with swinging card; spirit-level; set of eleven wooden pegs and discs.

2nd Class Meteorological Observatories no expenditure would be required on establishment, as the duty of looking after the instruments and registering the results on the occurrence of a shock could be performed by the Meteorological Observer with very little extra trouble.

3. The Meteorological Reporter having been consulted as to these proposals, the Government of India has resolved to sanction a sum of Rs. 2,000 for the purchase of the necessary instruments and the erection of observatory sheds at such meteorological stations in Bengal and Northern India as may be decided on by the Superintendent of the Geological Survey and the Meteorological Reporter to the Government of India in consultation.

The arrangements when completed should be reported by these officers for the information of the Government of India.

ORDER.—Ordered, that a copy of the above Resolution be forwarded to the Superintendent, Geological Survey, and Meteorological Reporter to the Government of India for information and guidance, and to all Local Governments and Administrations,* and the Departments of Finance and Public Works for information.

* Government of Madras.
" " Bombay.
" " Bengal.
" " North-Western Provinces and Oudh.
" " Punjab.
Chief Commissioner, British Burma.
" " Assam.
" " Central Provinces.
" " for Coorg.
" " Ajmir.
Resident at Hyderabad.

Ordered also, that the Resolution be published in the *Gazette of India*.

E. C. BUCK,
Secy. to the Govt. of India.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

ABSTRACT OF THE PROCEEDINGS OF THE COUNCIL OF THE GOVERNOR GENERAL OF INDIA, ASSEMBLED FOR THE PURPOSE OF MAKING LAWS AND REGULATIONS UNDER THE PROVISIONS OF THE ACT OF PARLIAMENT 24 & 25 VIC., CAP. 67.

The Council met at Government House, Simla, on Wednesday, the 16th August, 1882.

PRESENT:

His Excellency the Viceroy and Governor General of India, K.G., G.M.S.I., G.M.I.E., *presiding*.

His Honour the Lieutenant-Governor of the Panjáb, K.C.S.I., C.I.E.

His Excellency the Commander-in-Chief, G.C.B., C.I.E.

The Hon'ble J. Gibbs, C.S.I., C.I.E.

Major the Hon'ble E. Baring, R.A., C.S.I., C.I.E.

Lieutenant-General the Hon'ble T. F. Wilson, C.B., C.I.E.

The Hon'ble C. P. Ilbert, C.I.E.

The Hon'ble Sir S. C. Bayley, K.C.S.I., C.I.E.

The Hon'ble T. C. Hope, C.S.I., C.I.E.

The Hon'ble C. H. T. Crosthwaite.

The Hon'ble W. C. Plowden.

BURMA STEAM-BOILERS AND PRIME-MOVERS BILL.

The Hon'ble MR. ILBERT moved that the Report of the Select Committee on the Bill to provide for the inspection of Steam-boilers and Prime-movers attached thereto in British Burma be taken into consideration. He said:—

"This Bill was introduced by Mr. Stokes on the 2nd of March. Its object is to make provision for the inspection and licensing of steam-boilers and

prime-movers in British Burma, and it is framed on the lines of the Bengal Act, III of 1879, which provides for the inspection of steam-boilers in Calcutta and the neighbourhood.

"The Bill extends, in the first instance, only to the towns of Rangoon, Maulmain, Akyab and Bassein, but there is power to extend it to other parts of British Burma by notification. It has been published three times in the *British Burma Gazette*, and has been commented on by the Chief Commissioner and certain of his officers and others whom he has consulted. The Select Committee have taken into consideration the suggestions made for the amendment of the Bill, and adopted such of them as appear practicable and expedient. There is, however, one suggestion of importance which we have not adopted, and it is this: it is a suggestion of the Chief Commissioner that the Bill should be made applicable to steam-launches. We considered this suggestion, but came to the conclusion that it would be more convenient to provide for steam-launches by the measure now in preparation for the survey of steamers.

"The Report of the Select Committee was presented on the 12th of July, and I presume that it has been in the hands of Members of Council."

The Motion was put and agreed to.

The Hon'ble MR. ILBERT also moved that the Bill as amended be passed.

The Motion was put and agreed to.

INDIAN RAILWAY ACT, 1879, AMENDMENT BILL.

The Hon'ble MR. ILBERT also moved that the Hon'ble Mr. Hope be added to the Select Committee on the Bill to amend the Indian Railway Act, 1879.

The Motion was put and agreed to.

CENTRAL PROVINCES TENANCY BILL.

The Hon'ble MR. CROSTHWAITE moved that Major the Hon'ble E. Baring and the Hon'ble Sir S. C. Bayley be added to the Select Committee on the Bill to consolidate and amend the law relating to Agricultural Tenancies in the Central Provinces.

The Motion was put and agreed to.

CENTRAL PROVINCES LOCAL RATES BILL.

The Hon'ble MR. CROSTHWAITE also moved that His Honour the Lieutenant-Governor of the Panjáb be added to the Select Committee on the Bill to provide for the levy of rates on land in the Central Provinces.

The Motion was put and agreed to.

The Council adjourned to Wednesday, the 30th August, 1882.

SIMLA;
The 16th August, 1882.

D. FITZPATRICK,
Secretary to the Government of India,
Legislative Department.

Printed and Published for the GOVERNMENT OF INDIA *at the* GOVERNMENT CENTRAL BRANCH PRESS, *Simla.*

The Gazette of India.

PUBLISHED BY AUTHORITY.

№ 34.] SIMLA, SATURDAY, AUGUST 26, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

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Nothing for publication.

SUPPLEMENT No. 34.

PART I.

Government of India Notifications, Appointments, Promotions, &c.

HOME DEPARTMENT.

NOTIFICATIONS.—PUBLIC.

Simla, the 21st August 1882.

No. 1250.—Under the provisions of Section 17 of the Indian Arms Act, 1878, the Governor General in Council is pleased to direct that no fees shall be charged on transport licenses covering the transhipment of arms, ammunition or military stores at Aden, or at any of the Indian ports named in Rule 6 of the rules framed by the Government of India and published in Notification No. 518, dated 5th March 1879, and also that no fees shall be charged on import and export licenses when required in the case of arms, ammunition or military stores declared under manifest to be consignments without transhipment destined for a foreign port not situated in British India.

ESTABLISHMENTS.

The 25th August 1882.

No. 322.—Mr. J. H. Prinsep is permitted to resign Her Majesty's Bengal Civil Service, with effect from the 10th April 1882.

FORESTS.

The 25th August 1882.

No. 717*F*.—Mr. J. S. Battie, Sub-Assistant Conservator of Forests in the North-Western Provinces and Oudh, is appointed to officiate until further orders as an Assistant Conservator of Forests of the 3rd Grade, with effect from the 16th August 1882.

A. MACKENZIE,

Secy. to the Govt. of India.

REVENUE AND AGRICULTURAL DEPARTMENT.

NOTIFICATIONS.—SURVEYS.

Simla, the 25th August 1882.

No. 340*S*.—The services of Captain G. W. Martin, Assistant Superintendent of the 3rd Grade, Survey of India, are placed at the disposal of the Finance Department.

EXHIBITION.

The 24th August 1882.

No. 151 *Ex.*—An International Exhibition of Colonial productions and articles of general exportation and works of art will be held at Amsterdam in May 1883, to which the Government of India has decided to send samples of raw products, and articles of manufacture other than art or ornamental ware. Exhibits will be ranged under the following classes:—

I.—Animal Products.

1. Wool and hair.
2. Silk, raw, and cocoons.
3. Hides, skins, leather and horns.
4. Butter, oils, fat and grease.
5. Fish.
6. Wax and honey.
7. Musk.
8. Others.

II.—Mineral Products.

1. Building materials.
2. Coal.
3. Chemical products.
4. Metals.
5. Other minerals.

III.—Vegetable Products.

1. Cereals and pulses.
2. Other food-grains and tubers.
3. Coffee.
4. Drugs and medicines.
5. Dyeing and tanning materials.
6. Fibrous substances adapted for the preparation of textile fabrics or of paper.
7. Fodder plants.
8. Fruits, nuts, pickles, preserves and condiments.
9. Hops.
10. Substances used for matting.
11. Oils, oilseeds and oilcake.
12. Perfumery.
13. Spices.
14. Starches and meals.
15. Sugar and spirits.
16. Tea.
17. Tobacco and cigars.
18. Others.

IV.—Manufactured Articles.

1. Carpets and rugs.
2. Cane chairs, &c.
3. Gunny cloths and bags.
4. Mats.
5. Photographs.
6. Rope and cordage.
7. Others.

Exhibits of the above classes will be received from private exhibitors under the following conditions:—

(1) Each sample should not ordinarily exceed 2 lbs. in weight. [This restriction will not apply to such articles as carpets, mats, rope, cordage, &c., which will be taken in a reasonable quantity.]

(2) Freight and all other cost to be paid by the exhibitor up to its arrival at Calcutta. All subsequent charges will be paid by Government.

(3) Samples should ordinarily be put up in small cloth bags of a uniform size, the standard size being that capable of containing one lb. of wheat or rice. Any exhibitor will, however, be allowed to display samples in an ornamental show case, if provided and transmitted to the Exhibition at his own expense.

(4) A label should be attached to each sample on which should be legibly written—

(*a*) Name of district where produced.
(*b*) Name and address of exhibitor.
(*c*) Name of article.
(*d*) Name of variety (if different varieties are sent).
(*e*) Wholesale price of the article at the place of production.

(5) Samples of ordinary articles exceeding 2 lbs. in weight, but not exceeding 40 lbs. (half a maund), will be admitted for exhibition if the exhibitor will pay the freight and provide, or pay for the construction of, suitable cases.

(6) Permission to send exhibits through the Government agency should be obtained before their despatch. Application for permission will not be received after the 1st of December, and the latest date up to which exhibits will be received is 1st of January 1883.

The Government of India has appointed Babu T. N. Mukharji to superintend operations connected with the collection of exhibits for Amsterdam. Communications which do not require reference to the Government of India should be addressed to Babu T. N. Mukharji, Officer in charge of Amsterdam Exhibits, Revenue and Agricultural Department, Calcutta.

E. C. BUCK,
Secy. to the Govt. of India.

FOREIGN DEPARTMENT.

NOTIFICATIONS.—GENERAL.

Simla, the 22nd August 1882.

No. 490 *G.*—Lieutenant-Colonel W. H. Ross, Bombay S. C., 2nd-in-Command, 26th Regiment, Bombay Native Infantry, is appointed to officiate temporarily as Cantonment Magistrate at Baroda, in addition to his other duties.

The 23rd August 1882.

No. 504 *G.*—Mr. A. H. T. Martindale, M.C.S., is appointed to officiate temporarily as an Additional Political Agent of the 1st Class and is posted as Political Agent at Kotah, with effect from the date of assuming charge, during the absence on privilege leave of Major C. A. Baylay.

POLITICAL.

The 22nd August 1882.

No. 493 *G.*—With reference to Notification No. 97 G.P. of the 6th April 1882, His Excellency the Viceroy and Governor General in Council is pleased to recognise the appointment of Mr. A. Gerdes, Acting Consul for Germany, as Consul for Germany at Madras.

C. GRANT,
Secy. to the Govt. of India.

DEPARTMENT OF FINANCE AND COMMERCE.

NOTIFICATIONS.

Simla, the 24th August 1882.

No. 3352.

RESOLUTION—By the Government of India, Department of Finance and Commerce.

A question having been raised as to whether Stock Notes are to be received as collateral security from contractors in the same way as ordinary Government Promissory Notes are received, the Governor General in Council is pleased to decide that there shall be no distinction between the two classes of Notes so far as security deposits are concerned. As, however, the interest on Stock Notes is payable to bearer and the notes are transferable without endorsement, His Excellency in Council considers that they should always, if possible, be lodged in Government Treasuries for safe custody when tendered as security to any officer of Government. The necessary instructions for their safe custody in Treasuries will be issued in due course by the Comptroller General.

ORDERED, that this Resolution be communicated for information and guidance as follows:—

To the several Departments of the Government of India.

To the several Local Governments and Administrations.

To the Comptroller General and several Accountants General.

To the several Heads of Departments administered by the Government of India in this Department.

Ordered also, that the Resolution be published in the *Gazette of India* for general information.

The 25th August 1882.

No. 3405.—Whereas the Government of His Highness the Maharaja of Mysore has raised a debenture loan of Rs. 20,00,000 for the construction of a line of Railway from Bangalore to Tiptoor, and has paid to the Government of India Rs. 5,000 as composition for the stamp duty payable under the Indian Stamp Act (I of 1879) on the debenture bonds of the said loan when negotiated in British India :

In exercise of the powers conferred by Section 8 of the Indian Stamp Act I of 1879, the Governor General in Council is pleased to remit in the whole of British India the stamp duty payable on the debenture bonds of the said loan when negotiated in British India.

D. M. BARBOUR,
Secy. to the Govt. of India.

MILITARY DEPARTMENT.

Simla, the 25th August, 1882.

APPOINTMENTS.

No. 455.—MEDICAL DEPARTMENT—

Brigade Surgeon R. Wolseley, M.D., Army Medical Department, to be Secretary to the Surgeon-General, Her Majesty's Forces, Bengal, *vice* Brigade Surgeon J. A. Marston, M.D., transferred to the Home Establishment. Dated 11th August, 1882.

FIELD OPERATIONS.

No. 456.—EGYPT—

The undermentioned officer is appointed to the staff of the Indian Division, Egypt Expeditionary Force, with effect from the date on which he entered on the duties of his appointment :—

Lieutenant L. G. Clough-Taylor, Connaught Rangers, to be a Transport Officer.

FURLOUGH AND LEAVE.

No. 457.—The undermentioned officer is granted furlough out of India, with the necessary subsidiary leave —

Lieutenant-Colonel H. DeBrett, Bengal S. C., Wing Commander and 2nd-in-Command, 18th Native Infantry, (p. a.) for 182 days, under rule IX of the regulations of 1868.

No. 458.—With reference to G. G. O. No. 158 of 1882, Surgeon J. E. C. Ferris, 1st Bengal Cavalry, has been granted by the Right Hon'ble the Secretary of State for India furlough (m. c.) for one year, with effect from the 21st April, 1882, under the ruling on rule VI of the regulations of 1875.

No. 459.—The undermentioned officers have been granted extensions of furlough by the Right Hon'ble the Secretary of State for India :—

Major-General H. W. Gulliver, R.E., (p. a.) to 3rd September, 1882.

Lieutenant-Colonel J. Upperton, Bengal S. C., (m. c.) for three months.

Captain R. H. Brown, R.E., (p. a.) for thirty days.

PROMOTIONS.

No. 460.—SUBORDINATE MEDICAL DEPARTMENT—

1st Class Assistant Apothecary Joseph Edward Valley, to be 2nd Class Apothecary from the 31st January, 1882, *vice* Apothecary H. Walmsley, invalided.

Passed Hospital Apprentice James Richmond Rodrigues, to be 2nd Class Assistant Apothecary from the 27th January, 1882, *vice* Assistant Apothecary A. T. Tilbury, invalided.

Passed Hospital Apprentice George Edwards, to be 2nd Class Assistant Apothecary from the 29th January, 1882, *vice* Assistant Apothecary J. Lamb, deceased.

Passed Hospital Apprentice Patrick Heher, to be 2nd Class Assistant Apothecary from the 31st January, 1882, *vice* Assistant Apothecary J. E. Valley, promoted.

Passed Hospital Apprentice Joseph Brandon, to be 2nd Class Assistant Apothecary from the 26th March, 1882, *vice* Assistant Apothecary S. Jackson, deceased.

No. 461.—NATIVE ARMY—

1st Bengal Cavalry.

Ressaidar Kootub Khan to be Ressaldar, *vice* Ukbur Ullee, deceased; Jemadar Ibrahim Khan to be Ressaidar, *vice* Kootub Khan, promoted; Kote-Duffadar Mobarik Ullee Khan to be Jemadar, *vice* Ibrahim Khan, promoted, —13th July, 1882.

5th Bengal Cavalry.

Duffadar Fathi Mahomed Khan to be Jemadar, *vice* Sabz Ali Khan, resigned,—12th November, 1881.

3rd Native Infantry.

Havildar Ununtram Pandy to be Jemadar, *vice* Sadhan Awusthy, transferred to the 17th Native Infantry,—31st March, 1882.

6th Native Infantry.

Jemadar Sookh Ram to be Subadar, *vice* Munbode Sing, deceased; Havildar Bunkut Sing to be Jemadar, *vice* Sookh Ram, promoted,—18th June, 1882.

No. 462.—PUNJAB FRONTIER FORCE—

1st Punjab Cavalry.

Ressaldar Mir Alam Khan, "Bahadur," is appointed Ressaldar-Major, *vice* Mahomed Ali Khan, "Sirdar Bahadur," invalided; Ressaidar Hakim Ali Khan to be Ressaldar, *vice* Mahomed Ali Khan, "Sirdar Bahadur," invalided; Jemadar Shums-ul-din Khan to be Ressaidar, *vice* Hakim Ali Khan, promoted, —13th June, 1882.

G. CHESNEY, *Colonel,*
Secretary to the Government of India.

MILITARY (MARINE) DEPARTMENT.

Simla, the 25th August, 1882.

APPOINTMENTS.

No. 29.—Mr. G. Fennell, Junior Assistant Engineer, 2nd class, to be Assistant Engineer, 2nd class, in Her Majesty's Indian Marine, with effect from the 2nd August, 1882.

Mr. B. C. Bunyer to be a Junior Assistant Engineer, 2nd class, in Her Majesty's Indian Marine, on probation, with effect from the 2nd August, 1882.

G. CHESNEY,
Secretary to the Government of India.

PUBLIC WORKS DEPARTMENT.

NOTIFICATIONS.

Simla, the 22nd August 1882.

No. 192.—Dharm Singh Soin, Assistant Engineer, 2nd Grade, Railway Branch, at present employed in the Simla Imperial Circle, is transferred to the Punjab.

Mr. C. F. Tufnell, Assistant Engineer, 1st Grade, Punjab, is temporarily transferred to the Simla Imperial Circle.

The 25th August 1882.

No. 193.—With reference to Public Works Department Notification No. 152 of 6th June 1882, the services of Mr. C. Von Ahn, Executive Engineer, 4th Grade, temporary rank, are placed at the disposal of the Foreign Department.

No. 194.—Mr. W. A. Billings, Examiner, Public Works Accounts, Central Provinces, is appointed to the charge of the State Railway Accounts of those Provinces in addition to his own duties during the absence of Mr. F. L. Brown on privilege leave, or until further orders.

No. 195.—Mr. F. R. White, Accountant, 1st Grade, is appointed to officiate as Deputy Examiner, 2nd Grade, and is attached to the Office of the Examiner of Public Works Accounts, North-Western Provinces and Oudh, during the absence of Mr. Harrison, Deputy Examiner, on privilege leave, or until further orders.

No. 196.—Mr. W. B. Carter, Officiating Engineer-in-Chief, Bhopal State Railway, is granted furlough to Europe for one year, under Section 49 of the Civil Leave Code.

No. 197.—Mr. J. C. Ledger, Executive Engineer, 2nd Grade, will carry on the duties of the office of Engineer-in-Chief, Bhopal State Railway, in addition to his own duties, during the absence of Mr. H. T. Geoghegan on privilege leave, or until further orders.

No. 198.—Mr. C. W. E. Henslowe, Manager and Engineer-in-Chief of the Cawnpore-Farukhabad and Muttra-Hattras Railways, is transferred from the Engineering Establishment to Class II of the Revenue Establishment of State Railways, with effect from 24th May 1881.

No. 199.—Mr. W. B. Gray, Deputy Examiner of Accounts, Rajputana-Malwa State Railway, is appointed to the charge of the Public Works Accounts in Rajputana during the absence of Mr. W. G. Bayly on privilege leave, or until further orders.

W. S. TREVOR, *Colonel, R.E.,*
Secy. to the Govt. of India.

The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, AUGUST 26, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller General, &c.

GAZETTE OF INDIA.

NOTICE.

The 11th March 1882.

From the 8th April next, till further notice, Parts I, IV, and V of the *Gazette of India*, and the Weather and Crop Report, will be published at Simla. After the 1st April, all Notifications and other matter intended for publication in those Parts, should be addressed to the Officiating Publisher at that station.

Parts II and III and the Supplement will continue to be published in Calcutta.

Parts IV and V of the *Gazette of India*, containing the Acts and Bills of the Legislative Council, may be subscribed for separately from the other Parts of the Gazette. The annual subscription for the two Parts is Rs. 5 per annum, payable in advance. When sent by post, Rs. 2-8 per annum additional will be charged for postage. For the current year these Parts are available from 1st May only, the back numbers being out of print.

Complaints regarding non-receipt of any number of the *Gazette* should be forwarded within a week after the day on which it is due.

Applications for the supply of the *Gazette* on the *public service* should be addressed to the Home Department.

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Postage on single copies varies according to weight.

E. J. DEAN,

Publisher, Gazette of India.

SURVEY OF INDIA.

NOTIFICATION.

Mussoorie, the 16th August 1882.

No. 293.—Mr. R. F. Warwick, Assistant Surveyor, 3rd Grade, is granted leave on medical certificate for twelve months, under Section 127, Chapter X, of the Civil Leave Code, with effect from the 16th August 1882.

J. T. WALKER, *Lieut.-Genl., R.E.,*

Surveyor General of India.

SURGEON-GENERAL WITH THE GOVERNMENT OF INDIA.

NOTIFICATIONS.

Simla, the 4th August 1882.

No. 40.—The services of 3rd Grade Assistant Surgeon Abdoor Razzack are placed at the disposal of the Government of India in the Foreign Department.

The 5th August 1882.

No. 41.—Third Grade Assistant Surgeon Parbutty Churn Ghose, of the North-Western Provinces and Oudh provincial establishment, is removed from the service on account of ill-health.

J. M. CUNINGHAM, M.D.,

Surgeon-General with the Govt. of India.

AGENT, GOVERNOR GENERAL, FOR CENTRAL INDIA.

NOTIFICATION.

Indore Residency, the 21st August 1882.

No. 1777.—Surgeon-Major D. F. Keegan, M.D., Residency Surgeon, Indore, and Civil Administrative Medical Officer, Central India, returned from the three months' privilege leave

granted in Notification No. 1337, dated 4th July 1882, and resumed charge of his duties from Surgeon-Major R. Caldecott, on the forenoon of 10th August 1882.

By Order,
D. ROBERTSON, *Captain,*
1st Asst. Agent, Govr. Genl., for Central India.

AGENT, GOVERNOR GENERAL, FOR RAJPUTANA.

NOTIFICATIONS.

Mount Abu, the 15th August 1882.

No. 2429 *G.*—Lieutenant-Colonel E. Temple and Major A. R. T. McRae, respectively, made over and received charge of the Office of 2nd Assistant Political Agent, Meywar, on the forenoon of the 30th July 1882.

No. 2436 *G.*—Jemadar Dewa, of the Erinpura Irregular Force, is appointed to be Native Adjutant of the Force.

By Order,
E. A. FRASER,
1st Asst. Agent to the Govr. Genl.

CHIEF COMMISSIONER OF AJMIR-MERWARA.

NOTIFICATION.

Mount Abu, the 17th August 1882.

No. 618.—With reference to Foreign Department Notification No. 226 G., dated 28th July 1882, Mr. L. S. Saunders, C.S., and Mr. J. R. Fitzgerald, C.S., respectively, made over and received charge of the Office of Commissioner, Ajmir-Merwara, on the forenoon of the 1st August 1882.

By Order,
A. P. THORNTON,
for *1st Asst. to the Chief Commr.*

CHIEF COMMISSIONER OF COORG.

NOTIFICATIONS.

Bangalore, the 19th August 1882.

No. 19.—Mr. C. Soobiah, Rai Bahadoor, 2nd Assistant Commissioner of Coorg, availed himself of the three months' privilege leave, granted in Notification No. 16 of the 15th July 1882, from the 8th instant.

Mr. Soobiah delivered over, and Mr. K. Ganapatti, Subedar of the Mercara Taluk, assumed charge of the 2nd Assistant Commissioner's Office and Treasury, in the forenoon of the 8th instant.

No. 20.—K. Chengappa, Parpatigar of Mercara Habri Nad, is appointed to act as Subedar and 3rd Class Magistrate of the Padinalknad Taluk, until relieved by M. Nunjappa, who was appointed to act by Notification No. 11 of the 15th June 1882, or till further orders.

By Order,
H. WYLIE, *Major,*
Secretary to the Chief Commr. of Coorg.

TREASURE TROVE.

It is hereby notified, under Section 5 of the Indian Treasure Trove Act (VI of 1878), that, on the 14th July 1882, a gold jewel, worth Rs. 25, was found in the Inam Maniam Tope, belonging to Sri Srinivasa Perumal Pagoda, in the village of Kodavasal, in Nannilam Taluk, Tanjore District, in the Presidency of Fort St. George.

All persons claiming the treasure, or any part thereof, are required to appear personally or by agent before the Collector of Tanjore, at his office, on the 10th day of February 1883, in order to the matter being enquired into and determined in accordance with the provisions of the said Act.

W. S. WHITESIDE,
Collector.

TANJORE COLLECTOR'S OFFICE,
The 3rd August 1882.

TREASURE TROVE.

It is hereby notified, under Section 5 of the Indian Treasure Trove Act (VI of 1878), that on the 14th June last, treasure, consisting of the undermentioned articles, valued at Rs. 61-7-3, was found hidden in a field situated within the limits of Tiruvannanallur, and to the north of the northern gate of Tiruvanaikanal village, Trichinopoly Taluq and District:—

	Rs.	A.	P.
Gold necklace with one Mukappa, valued at	38	0	0
Gold necklace (smaller) with two Mukappas and one Telikundu ...	12	7	6
Small gold beads (14) ...	1	12	6
Gold Onnuppu, &c. (8 in number)	9	3	3
TOTAL	61	7	3

All persons claiming the said treasure, or any part thereof, are hereby required to appear personally or by agent before the Collector of Trichinopoly at his Office, on Monday, the 4th December 1882, in order to the matter being enquired into and determined in accordance with the provisions of the said Act.

HENRY SEWELL,
Collector.

TRICHINOPOLY COLLECTOR'S OFFICE,
The 2nd August 1882.

TREASURE TROVE.

It is hereby notified, under Section 5 of the Indian Treasure Trove Act (VI of 1878), that, on the 23rd day of June 1882, 12 Dasarikattu rupees (old coins) were found buried under a tamarind tree on the high road leading to the village of Kaduru, in the Salur Taluq, Vizagapatam District, in the Presidency of Fort St. George.

All persons claiming the treasure, or any part thereof, are required to appear and substantiate their claim, either personally or by an agent, before the Collector of Vizagapatam, on or before the 20th December 1882.

———,
Acting Collector.

VIZAGAPATAM COLLECTOR'S OFFICE,
The 5th August 1882.

MAPS OF THE SURVEY OF INDIA,

Published at the Offices of the Surveyor General of India, Calcutta and Dehra Dún, for the Quarter ending 30th June 1882.

Agents :

Calcutta,—*Messrs. Thacker, Spink & Co. (for sales only).
Allahabad,—Curator, Government Books, North-Western Provinces.
Nagpur,—Curator, Government Books, Central Provinces.
Lahore,—Curator, Government Central Book Depôt.
Madras,—*Messrs. Higginbotham & Co. (for sales only).
Poona,—Superintendent, Government Photo-zincographic Department.
Rangoon,—Curator, Government Book Depôt.
Rajkot,—Mr. Narainjee Sunderjee, for maps of Kattywar only.
Ahmedabad,—The Huzoor Deputy Collector, for maps of Guzerat only.
London,—*Messrs. Allen & Co., Waterloo Place (for sales only).
Do. *Mr. Edward Stanford, 6, Charing Cross (for sales only).
Simla,—*Messrs. Williams & Co., Fancy Repository (for sales only).

All published maps are also sold at the Office of the Surveyor General of India, Calcutta, by *Mr. J. N. T. Wood, for cash prepaid (for sales only).

* These Agents cannot issue maps free of charge on the *Public Service.*

N. B.—Maps are issued *free of charge* only on the Public Service. The *cost of mounting maps, packing and postage of parcels, must be borne by applicants themselves.* Lists of all newly published maps are periodically notified in the Gazettes of India and of local Governments.

Description.	Size.	Price of Map unmounted per sheet or copy.	
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		Rs. A.	Rs. A.
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Scale 1 Inch = 16 Miles.			
Trans-Frontier Map No. 9, *Skeleton (Second Edition)*	Double Elephant	1 12	2 0
Scale 1 Inch = 8 Miles.			
Southern Afghanistan with adjoining portion of Baluchistan	2 Sheets D. E.	2 0	2 8
Scale 1 Inch = 4 Miles.			
Bozdar's Field Force. Route traversed by the—	Double Elephant	1 0	...
Kandahar District. General Map of the (Afghanistan)	Ditto	1 8	2 0
Indian Atlas, Quarter Sheet, No. 66 N. W. Parts of Tihri (Foreign Garhwal), Districts Kumaun and British Garhwal (N. W. Provinces)	½ Sheet D. E.	0 12	0 12
Indian Atlas, Quarter Sheet, No. 77 N. E. Parts of Nellore and Cuddapah Districts (Madras Presidency).	½ Sheet D. E.	0 12	0 12
Indian Atlas, Quarter Sheet, No. 86 S. E. Parts of Bahraich District (Oudh) and Nipal Native State	Ditto	0 12	0 12
DISTRICT MAPS.			
Scale 1 Inch = 8 Miles.			
Shahjahanpur Gazetteer Map (N.-W. Provinces)	Foolscap	0 4	...
Scale 1 Inch = 4 Miles.			
Balaghat, 1861-64 and 1874-76 (Central Provinces)	Atlas	1 0	1 4
Darrang, 1871-74 (Assam)	Double Royal	1 0	1 4
Nowgong, 1869-72 (Assam)	Ditto	1 0	1 4
Sibsagar (Assam)	Ditto	1 0	1 4
REVENUE SURVEY MAPS.			
Scale 2 Inches = 1 Mile.			
Saharanpur District (N. W. P.), Sheet No. 15	4 Sheets D. E.	4 0	5 0(a)
Saharanpur District (N. W. P.), Sheet No. 27	2 Sheets D. E.	2 0	2 8(a)
Saharanpur District (N. W. P.), Sheet No. 28	Ditto	2 0	2 8(a)
Scale 1 Inch = 1 Mile.			
Bhurtpore State (Rajputana), comprised in Main Circuit Sheets Nos. (1, 2, 4); 3; (5, 6, 7); 8; (9, 10); (11, 12); 13; (14, 15)	8 Sheets of different sizes.	10 0	12 0
Noakholly District (Bengal), Sheet No. 6	Double Royal	1 8	1 12
Saharanpur, Muzaffarnagar, and Meerut Districts (N. W. P.), Sheets Nos. 1, 2, 5, 6, 7, 13, 15, 16, 17, 18, 27, 28, 29	Double Elephant	1 8	1 12
Scale 1 Inch = 8 Miles.			
Index to the 1-Inch Sheets of Noakholly District (Bengal)	½ Sheet Imperial	0 4	...
TOPOGRAPHICAL SURVEY MAPS.			
Scale 1 Inch = 1 Mile.			
Khandesh & Bombay Native States, Sheets Nos. 6 & 37. Part of Khandesh District (Bombay Presidency)	Double Elephant	1 0	1 4

(a) Price per Sheet, uncolored Rs. 1-0, colored Rs. 1-4.

MAPS OF THE SURVEY OF INDIA—*continued.*

Description.	Size.	Price of Map unmounted per sheet or copy. Uncolored. Rs.	A.	Colored. Rs.	A.
PLANS OF TOWNS AND CANTONMENTS.					
Scale 24 Inches = 1 Mile.					
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Scale 4 Inches = 1 Mile.					
Kandahar City and Environs (Afghanistan)	2 Sheets D. E.	3	0	4	0
Scale 1 1/16 Inches = 1 Mile.					
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Scale 1 Inch = 1 Mile.					
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*Guzerat, Sheets Nos. 33, 34 & 77	Ditto	1	12	2	0

* Published and available at the Surveyor General's Office, Dehra Dún.

JOHN O. N. JAMES,

Assistant Surveyor General.

SURVEYOR GENERAL'S OFFICE,

Calcutta, the 20th July 1882.

Statement of the Affairs of the Bank of Bengal for the week ending 22nd August 1882.

LIABILITIES.		Rs.	A.	P.
Capital paid-up		2,00,00,000	0	0
Reserve Fund		33,11,886	4	4
Public Deposits at Head Office	Rs. 67,91,871 5 4	2,55,95,545	12	5
Public Deposits at Branches	1,88,03,674 7 1			
Other Deposits at Head Office and Branches		2,81,57,613	14	5
Bank Post Bills, &c.		4,67,804	14	8
Sundries		9,79,552	1	9
RUPEES		7,85,12,402	15	7

ASSETS.		Rs.	A.	P.
Government Securities		79,11,797	4	0
Other authorized Investments		45,42,665	0	0
Loans on Government and other authorized Securities		55,82,939	13	7
Accounts of Credit on Government and other authorized Securities		34,15,987	14	7
Bills discounted and purchased		2,88,45,327	1	9
Balances with other Banks		5,01,468	5	2
Bullion		43,657	6	9
Dead Stock		11,91,693	3	7
Stamps		8,120	8	0
Sundries		6,04,516	4	5
		5,26,48,172	13	10
Cash and Currency Notes at Head Office	Rs. 77,66,033 9 7	2,58,64,230	1	9
Cash and Currency Notes at Branches	1,80,98,196 8 2			
RUPEES		7,85,12,402	15	7

By order of the Directors,

BANK OF BENGAL,

Calcutta, 24th August 1882.

J. GORDON,

Chief Acctt. & Depy. Secretary.

W. D. CRUICKSHANK,

Offg. Secy. & Treasurer.

CONSULTING ENGINEER TO THE GOVERNMENT OF INDIA FOR GUARANTEED RAILWAYS.

NOTIFICATION.

Lahore, the 22nd August 1882.

No. 1.—Mr. J. M. Montague, Assistant Engineer, 1st Grade, passed the Departmental Examination in Hindustani on 21st August 1882.

J. G. MEDLEY, *Col., R.E.,*
Consg. Engr. to the Govt. of India, for Guaranteed Railways.

COMMISSARIAT NOTICE.

An elephant, the property of Government, as below described, being surplus of the complement of the Bengal Presidency and unfit for Army Transport and Equipment purposes, is for sale.

2 Offers for the purchase of the animal should be made to the Manager, Northern Bengal State Railway, Saidpore, or to the Deputy Commissary General, Lower Circle, No. 6, Park Street, Calcutta :—

Station where the Elephant is kept.	Name of the Elephant.	Sex.	Age.	Height.	
			yrs.	ft.	in.
Saidpore . .	"Gloriana" .	Female . .	32	7	6

N. R. BURLTON, *Lieut.-Col.,*
Depy. Commissary General, Lower Circle

DEPY. COMMSY. GENL.'S OFFICE,
CALCUTTA;
The 22nd August 1882.

Weekly Statement of Silver tendered, of Certificates issued, and Silver Balance in the Mint.

DATE.	SILVER TENDERED, ESTIMATED VALUE.	CERTIFICATES ISSUED ON		BALANCE OF BULLION		
		General Treasury.	Currency Department.	Under Assay.	Assayed.	Held on account of the Currency Department.
1882.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Aug. 14	...	58,675	...	11,40,223	34,15,557	3,09,109
" 15	...	41,043	...	11,40,223	33,15,895	2,69,377
" 16	...	56,080	...	11,40,223	31,15,733	2,15,552
" 17	...	51,889	...	11,40,223	30,19,018	1,65,344
" 18	...	...	...	11,40,223	30,21,746	1,65,344
" 19	...	...	3,05,994	8,52,014	34,98,119	4,53,552

CALCUTTA MINT,
The 21st August 1882.

J. F. TENNANT, *Col., R.E.,*
Mint Master.

CURRENCY NOTES.

The following Currency Notes of the Government of India are stated to have been lost, and payment of their value has been claimed by the persons whose names are placed against the numbers. Any other person having these Notes in his possession, or claiming a right to them, is warned to communicate at once with the undersigned :—

Calcutta Circle.

NOTES WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Notes.	Value.	Name of Claimant.
		Rs.	
112	... O 65—18415 ...	50	Hajee Azeezooddeen and Sarajooddeen.
113	... O 88—73338 ...	100	Babu Kunja Behari Majumdar.
114	... O 60—39295 ...	20	Babu Ramcharan Dass.
	O 80—76776 ...	10	

CALCUTTA,
The 25th August 1882.

J. TAYLOR,
Asst. Comptlr. Genl., Paper Currency.

Calicut Circle.

NOTE WHOLLY LOST OR DESTROYED.

No. of Note.	Value.	Name of Claimant.
	Rs.	
J 12—11579 ...	50	V. Thavasumathu Nadar of Porayar, Mayararan Taluq, Tanjore District.

CALICUT,
The 18th August 1882.

BROOKE LEGGATT,
Depy. Collr., in charge of Paper Currency.

Lahore Circle.

NOTE WHOLLY LOST OR DESTROYED.

Regr. No.	No. of Note.	Value.	Name of Claimant.
		Rs.	
11	... E 19—10850 ...	50	Captain Perry, Ludhiana, through the District Superintendent of Police, Ludhiana.

LAHORE,
The 19th August 1882.

W. H. EGERTON,
for *Depy. Commr. of Paper Currency.*

POST OFFICE.

NOTIFICATIONS.

Unclaimed Letters held in the Calcutta General Post Office on 20th August 1882.

Bourke, John.
Daire, W. J. Furguson.
Donald, McInnes.
Hall, W. V.
Parry, Madame.
Richard, Miller & Co.
Yeoward, A. G.

Letters marked "Care of Post Office."

A. B.
A. Z.
Bailey, J. R.
Bancher, H. B.
Blatchford, Wm.
Blessley, C.
Bose, K. B.
Boswell, Robt. Bruce.
Burlington, Charles.
C. B. & Co.
Cahill, G.
Concannon, J.
Cornelling, E.
Cotton, Lieutenant.
Crow, Mrs. Eliza.
Dino Nath Mullick.
Driscoll, D. O.
Everson, Thomas R.
Garanger, George.
Gardiner, Capt. J. T.
Gillman, Arthur John.
Giris Chunder Turufdar.
Green, R. H.
Griffiths, Mrs. Emma.
Haukivez, C.
Hartley, S. R.
Harvey, Sir Charles.
Herbert, Mrs. R.
Hobson, W. A.
Howard, Percy.
Hunt, T. O.
Kanai Lall Seal.
Kruger, Mrs. G.
Lissant, S. H.
"Marah."
Massy, J.
McClillan.
McCullock, R. W.
McDermott, Daniel.
McIntyre, J.
McReynolds, John.
Mill, Wm. F.
Morrison, D. J.
"May."
Munro, W.
Pereira, E. S. B.
Prouter, W.
"Rex."
Roberts, E.
Rock, Mr.
Singh, Chanyon.
Shama Churn Coomar.
Shanto Chunder Bose.
Stevens, Mrs. R. G. H.V.
Stobie, Lt. J. C.
Strachan, E.
Tipper, Alex. Earnest Gore.
Traiche, Miss E.
Wright, Mrs. H.
W. S. G.

Registered Letters.

Allen, Mrs. L. S.
Andrews, Mrs. A.
Harman, Wolf.
Howard, E.
Moore, Ed. T.
Sheridan, G. H.
Sutherland, T. F.

SEA AND FOREIGN MAILS.

Calcutta, the 25th August 1882.

Foreign Mails for	Date.	Per Steamer
	1882.	
Persian Gulf	1st Sept.	From Bombay.
Madras, Ceylon and Intermediate Ports .	1st "	Str. *Chinsurah.*
Madras and Ceylon	2nd "	P. & O. Str. *Gwalior.*
Colombo, Penang, Singapore, Hong-Kong, Shanghai, Yokohama and Australian Colonies	5th "	From Bombay.
Foreign Mails *viâ* Bombay	2nd "	From Bombay.*
Do. Book Post and Pattern Packets .	1st "	From Bombay.
Rangoon, and Moulmein	31st Aug.	Str. *Kilwa.*
Chittagong, Akyab, Kyouk Phyoo, and Rangoon	31st "	Str. *Madras.*
Port Blair and Camorta	31st "	Str. *Moharani.*

* Also for Cape Town and Natal *viâ* England, can be forwarded.

N.B.—The letter-box will close at 7 P.M. precisely; after which hour foreign letters, fully prepaid and bearing an extra postage stamp of four (4) annas on each cover, will be received up to 7-30 P.M.

It is hereby notified for general information that the following mail despatches to Ceylon will be made from the Calcutta General Post Office during September 1882 :—

DATE OF CLOSING.	ROUTE.
2nd September 1882 ...	By P. & O. Steamer from Calcutta.
5th September 1882 ...	By P. & O. Steamer from Bombay.
11th September 1882 ...	By French Steamer.
14th September 1882* ...	By Star Line private vessel.
15th September 1882* ...	By B. I. S. N. Co.'s private vessel.
19th September 1882 ...	By P. & O. Steamer from Bombay.
22nd September 1882 ...	By P. & O. Steamer from Calcutta.
29th September 1882* ...	By B. I. S. N. Co.'s private vessel.

* These dates are subject to alteration in the event of departure of the vessels being delayed.

N.B.—The letter-box will close at 7 P.M. precisely; after which hour letters, fully prepaid and bearing an extra postage stamp of four (4) annas on each cover, will be received up to 7-30 P.M.

The rate of postage on letters conveyed by private vessels is two (2) annas per ½ oz. (prepayment compulsory).

The postage on letters conveyed by the P. & O. and French steamers is three (3) annas per ½ oz. (prepayment optional).

E. HUTTON,

Presidency Post Master.

GOVERNMENT CINCHONA FEBRIFUGE.

This preparation is an efficient substitute for Quinine and can be purchased by Government officers for public and charitable purposes, and by any one taking *twenty pounds* at a time, from the Superintendent, Botanical Garden, Calcutta, *for cash only*, at the following rates :—per four ounce tin, *Rs. 4-8;* per eight ounce tin, *Rs. 8-8;* per pound tin, *Rs. 16-8.* The general public can be supplied by the Superintendent, Botanical Garden, *for cash only*, at the under-noted rates :—per four ounce tin *Rs. 5-8;* per eight ounce tin *Rs. 10-8;* per pound tin, *Rs. 20.* This medicine is also sold by the principal European and Native druggists in Calcutta. Postage 8 annas per four and eight ounce tins, and 12 annas per pound tin, in addition to the foregoing rates.

گورنمنٹ سنکونا فبري فيوج

يهه دوا كوئينائين كا خوب قائم مقام هى اور كلكته ے بوٹانكل گارڈن يعنے كمپني باغ ے سپرنٹنڈنٹ صاحب سے هرايك ملازم سركاري واسطے سركاري كام اور خيرات ے اور سيواے اوىكے جو كوئي ايك مشت بيس پونڈ خريد ليے سے بقيمت نقد حسب نرخ ذيل خريد كرسكتے هين يعنے نرخ چار اونس ے ٹين كا چار روپيه آٹهه آنه ; آٹهه اونس ے ٹين كا آٹهه روپيه آٹهه آنه ; ايك پونڈ ے ٹين كا سوله روپيه آٹهه آنه

اور عوام الناس بوٹانكل گارڈن يعنے كمپني باغ ے سپرنٹنڈنٹ صاحب سے بقيمت نقد حسب نرخ ذيل خريد كرسكتے هين يعنے نرخ چار اونس ٹين كا پانچ روپيه آٹهه آنه ; آٹهه اونس ے ٹين كا دس روپيه آٹهه آنه ; ايك پونڈ ے ٹين كا بيس روپيه

يهه دوا كلكته ے بڑے بڑے ولايتي اور دىسي دواخانوںمين بكتي هى ماسيواے قيمت مذكورۂ بالا ے محصول ڈاك چار اور آٹهه اونس ے ٹين كا آٹهه آنه ; اور ايك پونڈ ے ٹين كا بارہ آنه

Meteorological Publications for Sale.

The following publications of the Meteorological Office of the Government of India are on sale and can be procured at the Meteorological Office, No. 4, Middleton Row, or either at Messrs. Thacker, Spink & Co., or at Messrs. Brown & Co., at the prices noted against them :—

	Rs.	A.	P.
Report on the Meteorology of India, in 1875, 4to., 89 pages text, 297 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India, in 1876, 4to., 97 pages text, 340 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India in 1877, 4to., 173 pages text, 375 pages tables, 3 charts ...	8	0	0
Report on the Meteorology of India, in 1878, 4to., 149 pages text, 380 pages tables, 3 plates, 4 charts ...	8	0	0
Indian Meteorological Memoirs, Vol. I, Part I, 4to., 118 pages, 9 plates	2	8	0
Indian Meteorological Memoirs, Vol. I, Part II, 4to., 63 pages, 4 plates	1	8	0
Indian Meteorological Memoirs, Vol. I, Part III, 4to., 86 pages, 2 plates	1	8	0
Indian Meteorological Memoirs, Vol. I, Part IV, 4to., 62 pages, 8 plates	1	8	0
Rainfall Chart of India, showing the average annual distribution of rainfall (in colors)	1	0	0
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Report on the Madras Cyclone, May 1877, 4to., 117 pages text, 97 pages tables, 5 plates ...	2	8	0

HENRY F. BLANFORD,

Meteorological Reporter to Government of India.

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THE GOVERNMENT BOOK DEPOT, ALLAHABAD.

Orders and Subscriptions for 1878 should be at once remitted.

THE BENGAL LAW REPORTS.

A few sets of the Bengal Law Reports (Volumes 1 to 15) are available at Messrs. Thacker, Spink & Co., Calcutta, at Rs. 375 a set.

Charts, &c., issued at the Marine Survey Department, Calcutta, by order of the Government of India, and sold at the Office of the Marine Survey Department, 4-4 London's Buildings, Hastings Street, Calcutta, where Admiralty Charts can also be obtained.

☞ All Charts are corrected up to the date of issue.

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Lakadive Group—Cherbaniani Reef, Chitlac and Kiltan Islands. *Annas 12.*
Byramgore Reef or Cheresapani, and Angria Bank. *Annas 8.*
Kolachel Roadstead, with plan of Enchain Rocks. *Re. 1-8.*

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Sheet No. 3, from Latitude 13° to 15° N. *Re. 1.*
Sheet No. 4. *Re. 1.*
Madras Roadstead. *Re. 1.*
Orissa Coast, Narsapoor Point to Palmyras Point, adapted to the latest determinations of the G. T. S. and observations by Commander A. D. Taylor, R.N. *Re. 1.*
Coconada to Bassein River. *Re. 1-12*
Coringa or Coconada Bay, showing the Northern Godavery Mouths. *Re. 1-8.*
False Point Harbour and Approaches. *Re. 1.*
Hooghly River.—Luff Point to Anchoring Creek, showing the James and Mary Shoals and Entrance to the Roopnarain River. *Re. 1-8*
False Point to Mutlah River, showing the Approaches to Sandheads. *Re 1*
Mutlah River to the Chittagong Coast. *Re. 1.*
Chittagong or Kornafuli River. *Re 1.*

Coast of Burma, &c.—

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Rangoon River Approaches. *Re. 1.*
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Entrance to Salween (Maulmain) River. *Re. 1.*
Port of Maulmain. *Re. 1.*
Coast of Tenasserim—Tavoy River, from a sketch by Lieutenant R. Moresby, with Corrections and Additions. *Re. 1*
Stewart's Sound. *Re. 1.*
Port Mount, Andamans. *Re. 1.*

Siam—Malay Peninsula, West Coast—

Hayes Island to the Pilgrims. *Re. 1.*
Kopah Inlet. *Re. 1.*
Salang Island (Junkseylon). *Re 1.*
Junkseylon, East Coast.—Puket or Tonkah Harbour. *Re. 1.*

Gulf of Siam—

Siam Gulf, West Coast, Hilly Cape to Lacon Bight. *Re. 1.*
Siam Gulf, West Coast, Lacon Bight to Lem Chang P'ra. *Re. 1.*
Patani Bay. *Annas 8*
Singora Roadstead and Inner Harbour. *Re. 1.*
Lacon Roads. *Re. 1.*
Samuie Strait. *Re. 1.*
Langsuen Roads. *Re 1.*

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* The Sailing Directory, Part I, India, Africa and South America, with Charts. *Rs. 16; packing and postage, Re. 1-12.*

Return of Wrecks and Casualties in Indian Waters for the year 1876, together with a Chart showing the positions in which they occurred. *Rs. 2.*

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Ditto ditto for 1880. *Rs. 2.*

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The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, AUGUST 26, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART III.

Advertisements and Notices by Private Individuals and Corporations.

BENGAL CIVIL FUND.

At an adjourned Half-yearly General Meeting of Subscribers to the Bengal Civil Fund held at the Town Hall on Monday, the 7th August 1882, at 10-30 A.M.

PRESENT:—The Hon'ble L. R. Tottenham; the Hon'ble A. T. Maclean; the Hon'ble T. T. Allen; C. C. Stevens, Esq.; A. C. Brett, Esq.; D. R. Lyall, Esq.; J. Westland, Esq.; W. H. Grimley, Esq.; H. J. S. Cotton, Esq.; C. A. Wilkins, Esq.; J. A. Bourdillon, Esq.; A. W. Paul, Esq.; and C. S. Bayley, Esq.

D. R. Lyall, Esq., in the Chair.

The following report was submitted by the Managers:—

REPORT.

1. The Managers submit the proceedings for the past half-year for the consideration and sanction of the meeting.

2. Subject to the approval of the subscribers, they have admitted to the benefits of the Fund the following families:—

	£	
Mrs. Richardson	300	The widow and eight children of the late Mr. H. C. Richardson, who died at Edinburgh on the 13th March 1882.
Eight children	820	
TOTAL	1,120	
Lady Erskine	£ 300	The widow of the late Lord Erskine, who died at Torquay on the 28th March 1882.
Mr. Magrath's posthumous son	£ 30	The posthumous son of the late Mr. C. F. Magrath, admitted from date of birth, *viz.*, 14th April last, in addition to the widow who was admitted by the last meeting from the date of Mr. Magrath's decease, *viz.*, 13th October 1881.
Mrs. Farquharson	£ 300	The widow and ten children of the late Mr. R. N. Farquharson, who died at Dunbridge, South Devon, on the 23rd May 1882.
Ten children	950	
TOTAL	1,250	

3. The Managers will propose the following addition to, and amendment of, the rules:—

After Article XXIII insert a new Article.

ARTICLE XXIII (*A*).

"Should the wife of a subscriber obtain a divorce from her husband, the Managers have the power, on receipt by them of a copy (which must be furnished within six months) of the order of the Court making the divorce absolute, to declare that they will, for the purposes of these rules, consider her to be still his wife.

In no case in which the Managers may exercise the above power shall any other person subsequently married to such subscriber be entitled to receive any benefit from the Fund, so long as his former wife remains alive and unmarried, and unless the subscriber shall survive his divorced wife."

After Article XXIV add—

"The word widow in this article shall, after the death of her former husband, include a lady on whose behalf the Managers have exercised the power conferred by Article XXIII (*A*)."

4. Mr. A. O. Hume, C.B., will propose the following modification of Article XXXVII of the Rules:—

"Provided, however, that if any subscriber shall duly pay his subscription within one month of the date on which he actually draws the pay or pension on which it is due, he shall not be liable to any penalty on account of having been unable for the period of twelve months or more to draw the pay or pension due to him."

5. The Managers have to report that the Hon'ble G. G. Morris, Senior Puisne Judge of the High Court, has obtained leave of absence for five months and twenty days. In accordance with Article XXII(*b*) of the revised rules, the Hon'ble W. F. McDonell, V.C., as Senior Puisne Judge, High Court, becomes an *ex-officio* Manager, and the Hon'ble L. R. Tottenham has been invited to join the Board of Managers in succession to Mr. McDonell.

6. The Managers have to report that Mr. Macaulay has resigned his appointment as Secretary to the Fund, and that they have appointed Mr. C. S. Bayley as his successor.

7. The Managers desire to give notice that they will at the January meeting, 1883, propose the following addition to Article III of the Rules:—

"In the case of subscribers holding appointments of which the pay has been fixed on a basis which specially exempts the holder from the 4 per cent. Annuity Fund Deduction, the salary shall, for the purposes of this rule, be taken as if the said 4 per cent. were added to the nominal amount."

8. The Secretary of State's despatch on the subject of the transfer of the Fund to Government, together with the Manager's reply, has been circulated for the information of the subscribers. The matter is still under consideration of Government.

Proposed by *Mr. Lyall* and seconded by *Mr. Cotton* and carried, that the proceedings of the Managers in admitting to the benefits of the Fund the families of the late Mr. H. C. Richardson, Lord Erskine, and Mr. R. N. Farquharson, and the posthumous son of the late Mr. C. F. Magrath, be confirmed.

Mr. Westland then proposed that the consideration of the further business mentioned in the report should be postponed until the next January meeting of the subscribers. It was, he considered, undesirable that an important change in the rules such as that contemplated by the Managers in their proposed Article XXIIIA, and in the amendment of Article XXIV, should be brought forward at the July meeting when a few subscribers only ordinarily attended. The rule, moreover, in its present shape would not meet the desired end, and might lead to unexpected complications.

Mr. Wilkins seconded the proposal on the ground that there was not sufficient information before the subscribers to enable them to judge of the necessity for the proposed alterations.

Mr. Allen said that the matter had been very fully considered by the Managers whose decision had been in favour of the rule in its present shape. The power to be vested in the Managers should be, as it was proposed to make it, merely discretionary, but he considered that some rule of the kind proposed was absolutely necessary to protect the interests of wives who might be debarred from the benefits of the Fund by no fault of their own. To frame a rule which should meet all possible cases and complications which might arise, was absolutely impossible, but that fact need not prevent any rule at all from being framed.

Mr. Westland's proposal was then put to the vote and carried.

Mr. Wilkins then asked whether the Managers could afford any information to the subscribers regarding the circumstances under which the proposal to amend the rules had arisen.

Mr. Allen replied that a case had occurred in which a subscriber had been divorced from his wife in consequence of his own misconduct, and that the Court in granting a decree ordered that he should continue to pay such subscriptions to the Fund as would secure to the petitioner the benefits allowed by the Fund. Long previously to the divorce the lady's relations had contributed on her behalf to the Fund, and it was felt by the Managers to be a hardship that she should now lose the benefit of all subscriptions which had been paid in her behalf. In view also of the judgment of the Court which had provided that the respondent should continue to pay to the Fund on behalf of the petitioner such subscription as would entitle her to the benefits of the Fund at his decease, it was exceedingly desirable that the rules should admit of the terms of the decree being carried out. There was reason to believe that the subscriber in question had married again already, and there was nothing in the rules to prevent him from bringing his second wife on to the Fund.

In answer to an enquiry from *Mr. Cotton*, the Secretary stated that no further communication had been received from the Government of India regarding the proposal of the Secretary of State to take over the Fund.

In the absence from the meeting of Mr. Hume and of any subscriber authorized to bring forward the modification of Article XXXVII proposed by him, the motion standing in his name was not put to the meeting.

The meeting separated with a vote of thanks to the Chairman.

D. R. LYALL,
Chairman.

BENGAL CIVIL FUND OFFICE,
The 7th August 1882.

PROMISSORY NOTES.

Lost

The sixty-seven Government Promissory Notes of 1865, of which five notes bearing Nos. 040121 to 040125 of the 4 per cent. of the Bengal Bank, for Rs. 10,000 each, sixty-one Notes, Nos. 040126 to 040186 of the 4 per cent., for Rs. 10,000 each, and one Note, No. 040187, of the 4 per cent., for Rs. 5,600, originally standing in the name of Fakhrudin Mahamad Ahsan *alias* Azimuddin Chowdhory of Dulai, in the District of Pubna, and last endorsed to Mohameduddin Ahmed *alias* Hyderjan Chowdhory, the proprietor, by whom they were never endorsed to any other person. Payment of the above Notes and the interest thereupon have been stopped at the Public Debt Office, and application is about to be made for the issue of duplicates in favour of the proprietor.

MOHAMEDUDDIN AHMED *alias*
HYDERJAN CHOWDHORY OF DULAI.

PUBNA,
The 7th August 1882.

Lost, Stolen, or Mislaid

The Government Promissory Note, No. 037271, of the Transfer Loan, 1879, 4½ per cent. portion, for Rs. 500, originally standing in the name of the Bank of Bombay, and last endorsed to Soonabai, widow of Maneckji Bhikaji Cootar, and Cursetbai, wife of Nusserwanji Nowroji Cootar, the proprietresses, by whom it was never endorsed to any other person. Payment of the above Note and interest thereupon have been stopped at the Public Debt Office, Bombay, and application is about to be made for the issue of a duplicate in favour of the proprietresses.

SOONABAI,
Widow of Maneckji Bhikaji Cootar.

CURSETBAI,
Wife of Nusserwanji Nowroji Cootar.

The Gazette of India.

PUBLISHED BY AUTHORITY.

SIMLA, SATURDAY, AUGUST 26, 1882.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART IV.

Acts of the Governor General's Council assented to by the Governor General.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

[Second publication.]

The following Act of the Governor General of India in Council received the assent of His Excellency the Governor General on the 18th August, 1882, and is hereby promulgated for general information :—

ACT No. XVIII OF 1882.

THE BURMA STEAM-BOILERS AND PRIME-MOVERS ACT, 1882.

CONTENTS.

PREAMBLE.

SECTIONS.

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   Commencement.
   Local extent.
   Savings.
2. Definitions.
3. Appointment of Inspectors.
4. Examination of, and grant of certificates to, engineers.
5. Use of boiler or prime-mover without license prohibited.
6. On notice from owner, Inspector to examine boiler or prime-mover.
7. Inspector may require owner to alter boiler or prime-mover.
8. When Inspector to grant license.
9. Licensing of boilers, &c., in charge of certain engineers.
10. License to state period for which it is to be in force.
11. Revocation or suspension of license.
12. Appeal against refusal, revocation or suspension of license.
13. Power of Inspector to enter place or building.
14. Penalties.
15. Engineer signing false report under section 9.
16. Charges not to be brought after six months or without Inspector's sanction.
17. Power to define limits of towns.
18. Power to make rules.

FIRST SCHEDULE.—FORM OF LICENSE.

SECOND SCHEDULE.—REPORT OF ENGINEER.

THIRD SCHEDULE.—FORM OF LICENSE TO BE ENDORSED ON REPORT OF ENGINEER.

An Act to provide for the inspection of Steam-boilers and Prime-movers attached thereto in British Burma.

Preamble.

WHEREAS it is expedient to provide in British Burma for the inspection of steam-boilers and prime-movers attached thereto, and for the management of the same by competent engineers; It is hereby enacted as follows :—

Short title.

1. *(1)* This Act may be called the Burma Steam-boilers and Prime-movers Act, 1882.

Commencement.

(2) It shall, except where it is otherwise expressed, come into force on such day as the Chief Commissioner of British Burma, with the previous sanction of the Governor General in Council, may, by notification in the *British Burma Gazette*, direct.

Local extent.

(3) It extends in the first instance only to the towns of Rangoon, Maulmain, Akyab and Bassein; but the Chief Commissioner may, from time to time, by notification in the *British Burma Gazette*, extend it, from such date as may be specified in the notification, to any other local area in the territories administered by him.

Savings.

(4) Nothing in this Act shall apply to any locomotive engine used on a railway, or to any engine on board of a ship, launch or boat.

2. In this Act, unless there is something repugnant in the subject or context,—

Definitions.

"boiler" includes any vessel used for generating steam under pressure:

"boiler":

"prime-mover" includes any steam-engine, and a fly-wheel, first driving shaft or pulley when attached to any such engine:

"prime-mover":

"owner" includes also any person using any boiler or prime-mover as agent of the owner thereof, and any person using a boiler or prime-mover which he has hired from the owner thereof:

"owner":

"Inspector" means a person appointed under this Act to be an Inspector.

"Inspector."

3. *(1)* The Chief Commissioner may, at any time after the passing of this Act, and from time to time, appoint such persons to be Inspectors as he thinks fit, and suspend or remove any person so appointed.

Appointment of Inspectors.

(2) The persons so appointed shall, within such local area as the Chief Commissioner may, from time to time, direct, exercise the powers and perform the duties conferred and imposed by or under this Act on an Inspector.

4. The Chief Commissioner may, at any time after the passing of this Act, and from time to time, make rules regulating the examination of, and the grant (with or without examination) of certificates to, persons to act as engineers of the first or second class under this Act, and the cancellation of certificates so granted.

Examination of, and grant of certificates to, engineers.

5. *(1)* After such day as the Chief Commissioner may, by notification in the *British Burma Gazette*, fix in this behalf, a boiler or prime-mover shall not be used unless a license authorizing its use has been granted under this Act and is in force.

Use of boiler or prime-mover without license prohibited.

(2) Such a license shall not be granted in respect of a boiler or prime-mover unless it is in charge of an engineer to whom a certificate has been granted in accordance with the rules made under section four, and its condition has been ascertained as hereinafter provided.

6. *(1)* When the owner of a boiler of prime-mover desires to obtain a license in respect thereof, he shall give notice of his intention to use the boiler or prime-mover to the Inspector for the local area within which it is situate.

On notice from owner, Inspector to examine boiler or prime-mover.

(2) On receipt of the notice, the Inspector shall appoint a day and time, after sunrise and before sunset, for the inspection of the boiler or prime-mover. The day so appointed shall be a day, if the boiler or prime-mover is situate in the town of Rangoon, Maulmain, Akyab or Bassein, not later than seven days, and if it is situate elsewhere, not later than thirty days, from the day on which the notice is received.

(3) On the day and at the time so appointed, the Inspector shall carefully examine the boiler or prime-mover, and every part thereof; and the owner or person in charge thereof shall afford to the Inspector all reasonable facilities for the examination and all such information regarding the boiler or prime-mover as he may reasonably require.

7. If, on making the examination under section six, the Inspector is of opinion that the boiler or prime-mover requires any alteration or addition, he shall refuse to grant a license until the alteration or addition is made, and shall serve on the owner of the boiler or prime-mover a written notice of his refusal, specifying the alteration or addition which, in his opinion, is required.

Inspector may require owner to alter boiler or prime-mover.

8. When the Inspector is satisfied—

When Inspector to grant license.

(*a*) that the boiler or prime-mover is in good condition, and not so exposed as to be likely to be dangerous, and

(*b*) that the boiler or prime-mover is in charge of an engineer to whom a certificate has been granted in accordance with the rules made under section four,

he shall give to the owner thereof a written license, signed by him, in the form prescribed in the first schedule hereto annexed, or a form to the like effect, on payment, by the owner, of such fee as the Chief Commissioner may by rule prescribe.

9. *(1)* When a boiler or prime-mover is in charge of an engineer who has obtained, in accordance with the rules made under section four, a certificate as engineer of the first class, the Chief Commissioner may, by an order in writing, direct that the report of that engineer shall, for the purpose of granting a license under this Act in respect of that boiler or prime-mover, be received as sufficient evidence of the matters referred to in section eight, clause (*a*).

Licensing of boilers, &c., in charge of certain engineers.

(2) The Chief Commissioner may rescind any order made under clause *(1)*.

(3) If the owner of any boiler or prime-mover in respect of which an order under clause *(1)* is in force presents to the Inspector, at the time of giving notice in respect of that boiler or prime-mover under section six, a report in respect of that boiler or prime-mover in the form prescribed in the second schedule hereto annexed, or a form to the like effect, and signed by the engineer mentioned in the order, and pays to the Inspector such fee as aforesaid, the Inspector shall, notwithstanding anything hereinbefore contained, endorse on the report a license in the form prescribed in the third schedule hereto annexed, or a form to the like effect, without examining the boiler or prime-mover.

10. Every license granted under this Act shall state the period for which it is to continue in force, and shall cease to be in force on the expiration of that period.

License to state period for which it is to be in force.

11. Any person authorized by the Chief Commissioner in this behalf may revoke or suspend any license granted under this Act in respect of any boiler or prime-mover when he has reason to believe—

Revocation or suspension of license.

(*a*) that the license has been fraudulently obtained, or has been granted erroneously, or without sufficient examination; or

(*b*) that the boiler or prime-mover in respect of which it has been granted is not in charge of an engineer to whom a certificate has been granted in accordance with the rules made under section four, or is not in good condition, or has, since the granting of the license, sustained injury; or

(*c*) where the license has been granted under section nine, that the boiler or prime-mover has ceased to be under the charge of the engineer on whose report the license was granted.

Appeal against refusal, revocation or suspension of license.

12. *(1)* The owner of any boiler or prime-mover may appeal from any order made under this Act refusing to grant, or revoking or suspending, a license.

(2) The appeal shall, within seven days from the day on which the owner received the order appealed against, be presented to some person authorized by the Chief Commissioner to hear appeals hereunder.

(3) Every such person shall be deemed to be a public servant within the meaning of the Indian Penal Code, and may, if he thinks fit, summon to his assistance, in such manner as the Local Government may, from time to time, direct, two competent assessors; and those assessors shall attend and assist accordingly. XLV of 1860.

(4) If the person hearing the appeal is satisfied that the owner is entitled to the license, he shall, on payment of the fee, grant a license in such form as the Chief Commissioner may, from time to time, by rule, prescribe, or shall cancel the order revoking or suspending the license, as the case may be.

(5) If the person hearing the appeal is of opinion that the order appealed against is right, he shall dismiss the appeal; and the costs of the appeal incurred by Government and certified by him shall be recoverable from the appellant, as a fine, by any Magistrate having jurisdiction in the place where the boiler or prime-mover is situate.

Power of Inspector to enter place or building.

13. An Inspector may at any time enter into any place or building where he has reason to believe that a boiler or prime-mover is used without a license or under a license granted under section eight, or on appeal from an order refusing a license under that section, for the purpose of inspecting and examining the same.

Penalties.

14. Every owner, or person in charge, of any boiler or prime-mover who—

(*a*) uses that boiler or prime-mover in contravention of the provisions of section five, or,

(*b*) having a license granted under this Act and in force in respect of any boiler or prime-mover, fails to produce the same when called upon at any reasonable time to do so by any Magistrate having jurisdiction in the place in which that boiler or prime-mover is situate, or by any person authorized in writing by that Magistrate to demand the production of the license, and

every person who prevents an Inspector from entering, under section thirteen, any place or building,

shall be punished with fine which may extend to five hundred rupees.

Engineer signing false report under section nine.

15. Any engineer signing any report under section nine which he either knows or believes to be false in any material point shall be deemed to have committed an offence punishable under section 197 of the Indian Penal Code. XLV of 1860.

Charges not to be brought after six months or without Inspector's sanction.

16. No charge of an offence under this Act shall be brought against any person without the previous sanction of an Inspector, or after the expiration of six months from the date of the commission of the offence.

Power to define limits of towns.

17. The Chief Commissioner may, from time to time, define what shall be deemed to be for the purposes of this Act the local limits of the towns of Rangoon, Maulmain, Akyab and Bassein respectively.

Power to make rules.

18. The Chief Commissioner may, at any time after the passing of this Act, and from time to time, make rules consistent with this Act for all or any of the following purposes (that is to say):—

(*a*) for prescribing the powers and duties of Inspectors;

(*b*) for fixing the fees payable on account of licenses granted under this Act;

(*c*) for determining the time for which such licenses shall be in force;

(*d*) for regulating the procedure on hearing appeals, and conferring on the persons authorised to hear appeals any of the powers conferred on a Civil Court by the Code of Civil Procedure; and XIV of 1882.

(*e*) generally for carrying out the purposes of this Act.

All such rules shall be published thrice in the *British Burma Gazette*, and shall come into force on the day on which they are last so published, or on such later day as may be specified in the notification publishing them.

FIRST SCHEDULE.

(*See section 8.*)

FORM OF LICENSE.

1	2	3	4	5	6	7	8	9
Name of owner.	Description of boiler.	Description of prime-mover.	Power.	When and where made.	When and where last repaired.	No. and date of certificate of engineer in charge.	Period for which license is to be in force.	Remarks.

I, the undersigned, certify that I have examined the boiler (*or* prime-mover) above described, and, to the best of my judgment, it is in good condition, and is not so exposed as to be likely to be dangerous. The engineer in charge is possessed of a certificate [and (*in case alterations or additions have been required*) the alterations (*or* additions) required by me have been properly made].

A. B.,
Inspector.

SECOND SCHEDULE.

(*See section 9.*)

REPORT OF ENGINEER.

1	2	3	4	5	6	7	8
Name of owner.	Description of boiler.	Description of prime-mover.	Power.	When and where made.	When and where last repaired.	No. and date of certificate of engineer in charge.	Remarks.

I, the undersigned, certify that I am in charge of the boiler (*or* prime-mover) above described, that I have examined the same, and, to the best of my judgment, it is in good condition, and is not so exposed as to be likely to be dangerous, and may safely be licensed for the period of .

C. D.,
Engineer.

THIRD SCHEDULE.

(*See section 9.*)

FORM OF LICENSE TO BE ENDORSED ON REPORT OF ENGINEER.

I, the undersigned, hereby authorise the use of the boiler (*or* prime-mover) to which this report refers for a period of ending on the day of 188 .

A. B.,
Inspector.

D. FITZPATRICK,
Secy. to the Govt. of India.

SUPPLEMENT TO

The Gazette of India.

Nº 34.} CALCUTTA, SATURDAY, AUGUST 26, 1882.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known.*

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on a payment of six Rupees per annum if delivered in Calcutta, or nine Rupees if sent by Post.*

No Official Orders or Notifications, the publication of which in the GAZETTE OF INDIA *is required by Law, or which it has been customary to publish in the* CALCUTTA GAZETTE, *will be included in the* SUPPLEMENT. *For such Orders and Notifications the body of the* GAZETTE *must be looked to.*

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION BRANCH.

IRRIGATION OPERATIONS OF THE NORTH-WESTERN PROVINCES FOR THE RABI SEASON, 1881-82 (1st OCTOBER TO 31st MARCH.)

No. 1931 I., dated Allahabad, 2nd August 1882.

RESOLUTION—By His Honor the Lieutenant-Governor, North-Western Provinces and Oudh.

Read—

Statements A. 14, B. 14, C. 14, for Rabi, 1881-82.

OBSERVATIONS.—The season was remarkable for the early cessation of the monsoon rains and for the almost entire absence of winter rain. These circumstances were eminently favourable to a large area of canal irrigation, while the extension of the Lower Ganges Canal increased the field of operations, and it is not therefore surprising that the area, 1,209,823 acres, should be the highest on record, being 177,813 acres more than the area of 1880-81 and 133,871 acres more than that of 1878-79, the last year of drought, and hitherto the largest area irrigated in the rabi harvest.

In comparing the irrigation of 1881-82 with that of the previous years, it must be remembered that the conditions of the two years were much the same in the lower doab, while they differed only in the upper. In both years the winter rains were deficient; but in 1880-81 there were very heavy floods in the middle of September in the Sub-Himalayan districts, which enabled crops to be grown in those districts without canal water. In comparing the two years, therefore, it is not remarkable to find that the great increase in 1881-82 is in the upper tracts, that is in the upper divisions of the Ganges Canal, while the increase in the lower tracts is not so great as might have been expected, and is due to extension of irrigation more than to the differences of the seasons.

2. The following table compares the rabi areas of the four years 1878-79 to 1881-82 :—

Canal.	1878-79.	1879-80.	1880-81.	1881-82.
	Acres.	Acres.	Acres.	Acres.
Upper Ganges	476,486	812,586	359,073	475,747
Terminal Divisions*	249,385	245,351	283,251	278,421
Lower Ganges	16,020	29,744	116,250	148,212
Agra	83,094	36,286	105,378	96,106
Eastern Jamna	181,238	142,201	128,408	150,689
Rohilkhand	57,237	66,277	29,985	48,544
Bijnor	1,283	1,730	2,041	2,137
Dun	9,607	8,804	6,867	8,138
Jhansi	586	443	315	529
Hamirpur	1,026	908	442	1,300
TOTAL	1,075,952	844,330	1,032,010	1,209,823

* The Cawnpore and Etáwah branches below Nagiria and Jera at miles 48 and 39 respectively.

In this table the terminal divisions have been separated from the Lower Ganges Canal in order to show clearly the increase on the new canal.

The above table brings out clearly what was stated in para. 1 regarding the effect of the seasons on the areas irrigated in the upper and lower tracts respectively.

The irrigated area of the Upper Ganges Canal is greatly in excess of that of 1880-81, when abundant rain fell late in the autumn, and is naturally much greater than that of a normal year such as 1879-80, but it is almost exactly the same as the area of 1878-79, the last year of drought.

The irrigated area of the terminal divisions varies little from year to year, in fact it may be almost said of them that year by year the area is limited only by the water available; but in the two latter years the increase of area shows that the competition for water was equal, and the increase is doubtless partly due to the additional volume made available by the opening of the Lower Ganges Canal. The slight increase over the previous year of the irrigated area of the Lower Ganges Canal is due to the abnormal amount irrigated in 1880-81 owing to the deficiency of rain in the lower doab, as explained in para. 2, North-Western Provinces Resolution No. 820A., dated 4th July, 1881. The area of nearly 150,000 acres attained in 1881-82, the fourth year of the operations of the canal, may, however, be considered satisfactory.

The irrigated area of the Agra Canal which, as has been remarked in previous reviews, fluctuates, and does not increase as steadily as could be desired, is again less than the areas of 1880-81 and 1877-78, which were nearly equal. The decrease has been in barley and mixed crops.

The irrigated area of the Eastern Jumna Canal is greater than that of the two previous years, in which the autumn rains were more plentiful, but it is much lower than the area of 1878-79. The area of this canal, like that of the terminal divisions of the Lower Ganges Canal, is much less subject to fluctuation on account of the seasons than other canals. The great area of 1878-79 is probably due to the high prices then prevailing after a deficient rainfall of two years. The result of these high prices was to extend the margin at which it becomes profitable to use canal water on inferior land, and so to increase the area of irrigation. These conditions did not, however, prevail in 1881-82, and therefore, although the season was favourable to irrigation, the area is no larger than usual.

The irrigated area of the Rohilkhand Canals is an average one, higher than that of 1880-81, when the heavy floods of September enabled canal water to be dispensed with, but not as high as the area of the two previous years.

There is nothing special to notice about the areas of the other canals and the Bundelkhand Lakes, which vary little from year to year, and are comparatively insignificant.

3. The following table shows the areas of the principal crops irrigated for six successive years :—

	Wheat.	Barley.	Other grains.	Pulses.	Opium and drugs.	Total areas.
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
1876 77	532,221	110,361	24,821	26,584	12,530	776,358
1877-78	415,659	138,627	59,912	64,328	10,823	729,845
1878-79	586,776	266,472	115,914	66 901	15,371	1,075,952
1879-80	482,703	210,959	83,861	33,401	15,104	844,330
1880-81	545,364	261,813	130,011	55,222	18,309	1,032,010
1881-82	726,332	261 602	102,549	77,238	18,203	1,209,823

The gross increase in wheat alone is 180,968, which exceeds the net total increase for the year, so that the increase is mainly due to the most valuable crop. The following table shows the progress made in wheat irrigation on each of the principal canals for four years, and the percentage of wheat to the whole area for the year 1881-82 :—

Canal.	1878-79.	1879-80.	1880-81.	1881-82.	
				Area.	Percentage of wheat to whole area
	Acres	Acres.	Acres.	Acres.	
Upper Ganges Canal	296,106	194,083	228,773	321,868	68
Terminal Divisions	88,553	101,356	113,237	122,135	44
Lower Ganges Canal	5,959	15,078	45,282	87,974	59
Agra	14,521	11,767	27,431	28,206	29
Eastern Jumna Canal	149,834	122,506	111,274	131,891	88
Rohilkhand	24,330	29,979	13,120	26,549	55

The area of barley remains very steady, eighty per cent. of this area belongs to the Lower Ganges and terminal divisions.

4. The following table shows the assessments of the year under occupiers' rates compared with three other years :—

	1878 79.	1879-80.	1880 81.	1881-82.
	Rs.	Rs.	Rs.	Rs
Upper Ganges	10,04,592	6,68,455	7,61,523	10,21,817
Terminal Divisions	4,86,820	4,67,609	5,03,053	5,45,146
Lower Ganges Canal	37,276	68,537	2,62,339	3,53,130
Agra	2,23,023	96,530	2,86,736	2,59,530
Eastern Jumna Canal	3,76,455	2,99,508	2,71,905	3,17,217
Rohilkhand	32,955	36,796	11,581	28,043
Bijnor	1,358	1,803	2,037	2,069
Dun	10,767	10,044	8,281	9,379
Bundlekhand Lakes	2,469	2,242	1,606	3,046
TOTAL	21,75,715	16,51,524	21,09,061	25,39,377

The owners' rate amounted to Rs. 1,64,405.

ORDER.—Ordered, that the above Resolution be submitted to the Government of India for information, and that it be published in *North-Western Provinces and Oudh Gazette.*

Ordered also, that copies be circulated to the Governments of Bengal, Punjab, to the General Department of this Government, and to the Board of Revenue, for information.

By order, &c.,

J. G. FORBES, *Lt.-Col., R. E.,*

Joint-Secy. to Govt., N. W. P., P. W. D., I. B.

No. A14.—Rabi Statement.

IRRIGATION OPERATIONS OF FASL RABI, 1881-82.

Comparative Statement of Irrigation and Rainfall in Canal Districts of the North-Western Provinces.

Zila.	Area in acres.	Cultivable acres.	Areas irrigated.		1881-82 as compared with 1880-81.		Rainfall for six months, October to March, 1882.												Total.	
			Rabi, 1880-81.	Rabi, 1881-82.	Increase.	Decrease.	October.		November.		December.		January.		February.		March.			
							1880.	1881.	1880.	1881.	1880.	1881.	1881.	1882.	1881.	1882.	1881.	1882.	1880-81.	1881-82.
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.														
Saharanpur	1,418,880	805,120	47,420	65,327	17,907	...	...	...	·5	...	·4	...	...	2·2	·9	·7	4·4	...	6·2	2·9
Muzaffarnagar	1,061,989	699,622	77,303	106,984	29,681	...	...	...	·4	...	1·0	...	...	1·3	·2	...	4·3	...	5·9	1·3
Meerut	1,510,664	1,071,493	121,184	180,734	59,550	...	...	·2	·2	...	·7	...	...	1·4	·1	...	3·0	...	4·0	1·6
Bulandshahr	1,222,400	875,520	106,389	121,785	15,396	...	...	...	·6	...	·6	...	·4	·25	·2	...	2·8	...	4·6	·25
Aligarh	1,256,775	919,880	93,732	100,340	6,608	...	...	...	·1	...	·5	...	...	·2	·6	·2	1·9	...	3·1	·4
Muttra	1,031,538	827,843	47,683	38,117	...	9,566	...	...	·1	...	·2	...	...	...	·8	·1	...	...	1·1	[illegible]
Agra	1,230,819	873,976	27,884	31,319	3,435	...	...	...	·1	...	·3	...	...	·2	...	...	·4	...	·8	·2
Etah	967,680	620,800	57,987	74,667	16,680	...	...	...	·3	...	·5	...	...	·2	·5	...	1·5	...	2·8	·2
Mainpuri	1,085,626	607,409	101,512	118,211	16,699	...	...	...	·2	...	·3	...	...	·2	·5	·05	·5	...	1·5	·25
Farukhabad	1,116,633	687,361	40,307	44,869	4,562	...	...	...	...	...	·25	...	...	·1	·15	·1	1·9	...	2·3	·2
Etawah	1,274,240	563,200	114,535	121,279	6,744	...	·3	...	·2	...	·1	...	...	...	...	...	·9	...	1·5	
Cawnpore	1,495,576	865,065	124,883	117,115	...	7,768	·1	...	...	...	·3	...	...	...	·1	·2	·4	...	·9	·2
Delhi	817,280	532,480	487	322	...	165	...	...	·4	...	1·1	...	...	·3	·4	·7	1·9	...	3·8	1·0
Gurgaon	1,267,200	967,680	31,054	28,106	...	2,948	...	...	·2	...	·8	...	...	·3	·5	·1	1·6	...	3·1	·4
Dehra Dun	653,271	82,248	6,867	8,138	1,271	...	...	...	·8	...	1·4	...	·2	2·9	·4	·5	2·9	...	5·7	3·8
Bijnor	1,217,886	663,135	2,041	2,137	96	...	...	...	·3	...	·5	...	·1	1·5	·6	...	3·3	...	4·8	1·5
Tarai	588,793	144,230	3,846	3,370	...	476	...	...	·8	...	·6	...	·2	·8	·7	1·5	5·6	...	7·9	2·3
Pilibhit	873,094	1,228,040	3,476	8,555	5,079	...	...	...	·1	...	·3	...	...	·3	·4	·1	9·4	...	10·2	·4
Bareilly	1,037,416		22,663	36,619	13,956	...	...	...	·5	...	·5	...	·2	·4	·2	·2	3·2	...	4·6	·6
Jhansi	1,002,880	482,560	315	529	214	...	·2	·7	·4	...	·2	...	...	...	·3	·1	1·6	...	2·5	·8
Hamirpur	1,463,424	800,128	442	1,300	858	...	...	...	·3	...	...	...	...	...	...	·1	·2	...	·5	·1
Total	23,594,064	14,317,790	1,032,010	1,209,823	198,736	20,923														
			Net increase		177,813															

G. H. D. WALKER,

Asst. Secy. to Govt., N.-W. P. and Oudh, P. W. D.

No. B14.—Rabi Statement.

IRRIGATION OPERATIONS OF FASL RABI, 1881-82.

Statement in Acres of Crops irrigated in Canal Zilas.

	Saharanpur.	Muzaffarnagar.	Meerut.	Bulandshahr.	Aligarh.	Muttra.	Agra.	Etah.	Mainpuri.	Fatehgarh.	Etawah.	Cawnpore.	Delhi.	Gurgaon.	Dun.	Bijnor.	Tarai.	Pilibhit.	Bareilly.	Jhansi.	Hamirpur.	Total.
Gardens and Orchards	736	623	1,900	1,644	1,420	340	669	769	1,121	211	833	978	...	103	371	...	11	39	380	2	13	[illegible],163
Sugarcane	97	73	102	32	2	...	...	10	24	2	6	...	...	...	...	3	...	13	84	...	3	451
Cereals — Wheat	57,142	92,158	142,010	84,274	52,839	8,523	11,185	44,292	67,813	21,353	58,015	42,957	98	9,415	5,756	1,813	2,459	3,973	20,117	98	47	726,332
Cereals — Barley	3,066	5,416	19,724	12,695	17,208	9,889	3,805	12,378	36,933	16,764	49,733	65,707	60	1,780	758	162	253	1,296	8,951	38	...	261,602
Cereals — Oats	503	6	322	199	5	...	3	7	...	...	...	...	...	...	313	...	...	...	...	...	...	1,358
Cereals — Chena	1	...	14	258	1,059	52	83	389	423	9	482	51	...	36	...	...	...	...	...	98	...	[illegible]55
Other Grains*	95	112	1,397	3,627	696	...	8	294	827	2,104	405	2,095	...	...	...	30	...	...	...	1	26	11 717
Mixed "	794	164	1,447	6,438	20,533	9,085	9,416	12,619	2,869	...	...	...	44	8,538	65	124	505	2,852	9,766	187	1,073	86,519
Pulses — Gram	1,109	2,887	4,924	4,585	3,736	9,883	5,914	1,886	2,710	145	2,403	763	120	7,970	148	...	28	94	321	96	99	49,822
Pulses — Peas	35	2,798	5,865	6,659	1,500	...	...	1,115	264	39	1,747	1,615	...	...	13	...	2	30	169	...	...	21,846
Pulses — Arhar	...	374	654	52	129	188	49	146	79	12	113	5	...	141	...	1	...	22	166	...	4	2,13[illegible]
Pulses — Masur	575	926	1,100	33	90	...	...	32	14	...	...	...	...	...	100	4	18	133	395	16	...	3,436
Fodder crops	66	224	320	99	14	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	724
Fibres, Cotton	28	182	607	491	262	36	20	...	2	1	...	...	...	36	...	...	...	...	...	1	13	1,679
Other fibres	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
Dyes, Indigo	...	...	7	...	...	1	2	...	6	2	...	...	...	2	...	...	...	...	...	...	...	20
Other dyes	...	1	4	419	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	427
Drugs, Opium	...	...	...	...	39	...	3	294	1,561	3,265	6,411	2,610	...	...	...	...	...	...	...	...	1	14 184
Other drugs	6	...	27	89	139	40	17	225	2,173	789	70	15	...	23	252	...	4	7	122	...	21	4,0 9
Oil Seeds	496	115	1	...	...	4	...	...	1	...	...	...	...	...	362	...	90	96	1,148	5	...	2,318
Miscellaneous†	578	924	309	191	665	76	145	211	1,391	173	1,061	319	...	61	...	...	...	...	...	6	...	6,111
Total 1881-82	65,327	106,984	180,734	121,785	100,340	38,117	31,319	74,667	118,211	44,869	121,279	117,115	322	28,106	8,138	2,137	3,370	8,555	36,619	529	1,300	1,209,823
Total 1880-81	47,420	77,303	121,184	106,389	93,73[illegible]	47,683	27,884	57,987	101,512	40,307	114,535	124,883	487	31,054	6,867	2,041	3,846	3,476	22,663	315	442	1,032,010

* Rice. Bajra. Maize. Juar.
† Paleo and crops insufficiently irrigated.

ALLAHABAD:
The July 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. and Oudh, P. W. D.

No. C14, Rabi Statement.

IRRIGATION OPERATIONS OF FASL RABI, 1881-82.

Statement in Acres of Crops irrigated by Canals in Canal Divisions.

	Ganges Canal.						Lower Ganges Canal.						Jumna Canal.	Agra Canal.	Rohilkhand Canals.	Dun Canals.	Bundelkhand Irrigation Works.		Bijnor Canals.	Grand Total.
	Northern.	Anupshahr.	Meerut.	Bulandshahr	Aligarh.	Total.	Narora.	Mainpuri.	Cawnpore.	Etawah.	Bhognipur.	Total.	Eastern Canal.				Jhansi.	Hamirpur.		
Gardens and Orchards	278	596	809	1,472	2,388	5,543	91	515	974	1,107	362	3,049	1,688	1,067	430	371	2	13	...	12,163
Sugarcane	98	32	52	39	3	264	6	26	...	...	6	38	86	...	97	...	...	3	3	451
Cereals — Wheat	44,465	49,158	75,910	77,965	74,370	321,868	16,947	47,380	38,409	83,726	23,647	210,109	131,891	28,206	26,549	5,756	93	47	1,813	726.332
Cereals — Barley	2,591	5,947	19,296	9,198	25,891	62,923	4,413	18,715	57,001	72,557	20,5z2	173,208	3,610	15,417	5,500	758	24	...	162	261,602
Cereals — Oats	...	...	305	213	15	533	...	...	...	...	...	...	512	...	...	313	...	...	...	1,358
Cereals — Chena	...	8	11	26	2,007	2,052	...	93	9	...	539	641	1	163	...	...	98	...	...	2,955
Other grains*	...	23	110	5,164	340	5,637	...	645	4,346	486	2	5,479	540	4	...	...	1	26	30	11,717
Mixed »	...	4,063	58	...	36,603	40,724	3,619	...	...	...	...	3,619	903	26,701	13,123	65	187	1,073	124	86,519
Pulses — Gram	2,344	1,063	1,693	4,599	4,539	14,238	652	1,210	243	1,920	2,606	6,631	4,451	23,715	443	148	96	99	...	49,822
Pulses — Peas	1,235	10,604	...	3,816	...	15,655	...	...	1,345	2,320	...	3,665	2,312	...	201	13	...	...	...	21,846
Pulses — Arhar	...	34	985	99	162	1,280	78	77	12	10	110	287	...	375	188	...	...	4	1	2,134
Pulses — Masur	...	39	141	58	130	368	...	6	...	...	...	6	2,396	...	546	100	16	...	4	3,436
Fodder Crops	1	11	146	118	14	290	...	...	...	...	...	...	433	1	...	...	...	...	...	724
Fibres, Cotton	...	91	76	441	306	914	...	3	...	...	...	3	656	92	...	...	1	12	...	679
Other fibres	6	...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...	6
Dyes, Indigo	...	3	4	...	...	7	...	8	...	...	...	8	...	5	...	...	...	...	...	20
Other dyes	1	414	...	12	...	427	...	...	...	...	...	...	...	...	...	...	...	...	...	427
Drugs, Opium	...	...	...	...	97	97	254	...	5,680	7,226	926	14,086	...	...	...	...	...	...	...	14,184
Other drugs	5	...	5	105	231	346	11	3,026	42	93	20	3,192	1	74	183	252	...	21	...	4,019
Oil seeds	138	...	...	...	...	138	...	1	...	...	...	1	474	4	1,334	362	5	...	...	2,318
Miscellaneous†	1,030	8	...	218	1,221	2,477	81	583	393	522	1,032	2,611	735	282	...	...	6	...	...	6,111
Total 1881-82	52,192	72,094	99,601	103,543	148,317	475,747	26,152	72,288	108,454	169,967	49,772	426,633	150,689	96,106	48,544	8,138	529	1,200	2,137	1,209,823
Total 1880-81	27,090	49,317	59,152	87,107	136,407	359,073	16,033	58,966	111,711	171,540	41,251	399,501	128,408	105 378	29,985	6,867	315	442	2,041	1,032,010

* Rice, maize, bajra, juar.

† Paleo and crops insufficiently irrigated.

G. H. D. WALKER,

Asst. Secy. to Govt., N. W. P., and Oudh, P. W. D.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY CONSTRUCTION.

TRADE OF THE COUNTRY TO BE TRAVERSED BY THE PROJECTED LINE OF RAILWAY BETWEEN SITARAMPUR ON THE EAST INDIAN RAILWAY AND NAGPUR ON THE GREAT INDIAN PENINSULA RAILWAY.

Extract from the Proceedings of the Governor General in Council in the Public Works Department, No. 700 R. C., dated Simla, the 16th August 1882.

Read the following papers :—

Note drawn up in the office of the Secretary, Revenue and Agricultural department, on the projected line of Railway from Sitarampur to Nagpur.

The proposed railway from Sitarampur to Nagpur will probably pass through the following districts :—

Districts through which it will pass.	Manbhum, Lohardaga, Chhota Nagpur Tributary States,	Bengal,
	Raipur, Bilaspur,	Central Provinces,

and will eventually join the Nagpur-Chhattisgarh Railway. These districts, however, do not adequately represent the area the resources of which it will open and the trade of which it will absorb, for through hundreds of miles on either side of the proposed line runs no navigable river or highway of commerce. The district of Singhbhum in Bengal and Sambalpur in the Central Provinces, with the Feudatory States attached to them, will also come under its influence.

Resources still undeveloped.

2. A large part of this country never acknowledged the supremacy of the Hindu or Muhammadan sovereigns of Hindustan, and only thirty years ago it was marked on the English maps of India as the "Unexplored Regions." It is still, therefore, nearly as much a virgin soil for civilised man as the primæval forests on our north-east frontier. Immense tracts of culturable land still lie uncultivated, and the proposed railway is expected to give a great stimulus to its being brought under the plough—an operation already fast progressing owing to press of population in the regulation districts surrounding it on all sides.

Present statistics conjectural.

3. Under these circumstances, the resources of the country through which the railway is to pass cannot, with any degree of accuracy, be measured by the data its present condition affords. Nor are the data now available anything but conjectural; for, except in the matter of population, no effectual attempt to obtain reliable statistics tending to throw light on the condition of the people and the country was ever made; and as is generally the case under such circumstances, the estimates made diffidently always fall much below the actual facts. No instance of this kind more strikingly proves the tendency to under-estimate estimates as the one about the population of the Lower Provinces previous to the general enumeration of 1872; nobody ever ventured to estimate it at more than 40 millions, which was, however, 50 per cent. below the actual number. The figures given in this note must, therefore, be taken with caution, and as giving only a rough idea of the subject.

Expected goods traffic.

4. Besides the passenger traffic which this line may expect from its being the direct line from Calcutta to Bombay, it can count upon a progressive goods traffic fed by three classes of country produce,—agricultural, forest and mineral. The following

statement shows the amount of agricultural produce that may annually be available for export :—

1	2	3	4	5	6	7	8	9	10
NAME OF DISTRICT.	Total area in acres.	Total cultivated area in acres.	Total produce in maunds.	Total population.	Amount consumed as food at 5 maunds per head	Seed, cattle-food, wastage and other deductions at 3 maunds per acre.	Balance available for export in maunds.	Total culturable areas still lying waste.	Rate of produce per acre on which calculation is based in column 4.
Hazaribagh . . .	4,493,440	1,318,912	92,32,384	771,875	38,59,375	39,56,736	14,16,273	2,940,457	7
Manbhum . . .	3,149,440	1,812,800	1,26,89,600	995,570	49,77,850	54,39,400	22,73,350	801,900	7
Lohardaga . . .	7,708,160	2,823,798	1,97,66,166	1,237,123	61,85,615	84,71,214	51,09,337	2,570,000	7
Singhbhum . . .	2,494,080	635,648	38,13,888	415,023	20,75,115	19,06,944		1,136,640	6
Chhota Nagpur Tributary States . .	9,868,160	1,973,632	98,68,160	405,980	20,29,900	59,20,896	—1,68,171	3,289,386	5
Raipur . . .	7,600,400	2,924,044	2,32,40,440	1,093,305	54,67,025	69,72,132	19,17,364	2,791,040	10
Bilaspur . . .	4,990,720	1,528,960	91,73,760	715,398	35,76,990	45,86,880	1,08,01,283	1,029,760	6
Sambalpur . . .	2,820,480	720,000	43,20,000	523,034	26,15,170	21,60,000	10,09,890	568,320	6
Central Provinces Tributary States. . .	6,559,680	2,400,000	1,44,00,000	823,723	41,18,615	72,00,000	—4,55,170	2,327,680	6
TOTAL .	49,690,560	15,537,734	10,65,04,398	6,981,131	3,49,05,655	4,66,13,202	30,81,385	2,40,85,541	17,455,183

Want of feeders.

5. Of course it is idle to expect that the whole of the agricultural produce shown above as available for export will find its way to the railway. The country is so much cut up by hills and ravines, and so much wanting in good roads, that some time will elapse before its trade will reach the normal standard of a British province. In an agricultural country like India, an inland province may be said to have arrived at such a standard if it can send out with profit at least three-fourths of its surplus produce. Even North-Western Provinces and Oudh, with its network of roads, railways and navigable rivers, have not yet attained such an efficiency in means of communications; for we find that its railways, which monopolise almost all its external traffic, carried in 1879-80 only 14 millions of maunds of agricultural produce out of a total annual surplus of about 50 millions. The proportion must, therefore, be much less in this central tableland.

Arable land lying unused.

6. But this advantage will be more than compensated by the ample room which agricultural operations have for expansion in this part of the country. Seventeen millions of acres of arable land, or an area larger by two millions of acres than that at present under cultivation, still lie waste, and there can be no doubt that a large part of it will come under the plough as soon as an outlet for the produce is found.* Every encouragement is given to cultivators for taking up new lands; for three years no rent whatever is assessed, and after that time a small amount of progressive rent is fixed. In this way the cultivation is increasing year by year, and would have increased more had not the country been drained of a portion of its enterprising youths to meet the requirements of the tea gardens of Assam, Kachar, Sylhet and Darjiling. In some parts of the tableland the wasteful system of cultivation, known as the *jum*, is practised, in which fresh forest land is cleared every two or three years, allowing the one previously cultivated to relapse to its former state of wildness. This reckless system of agriculture signifies only the existence of an extraordinary amount of spare land in the country.

Crops.

7. The principal crops cultivated are the same as in other parts of Bengal and the Central Provinces; rice being the staple crop, with a fair proportion of pulses and oil-seeds. The western part of the plateau grows wheat, barley, Indian-corn, jowar (*Sorghum vulgare*), china (*Panicum italicum*), and other millets. Cotton has

* "Fertile lands," write the officers appointed for collecting information for the Famine Commission, "in almost countless acres, lie waiting to be cultivated, which will afford other staples of food besides the treacherous rice * *." Central Provinces Famine Report, page 94:—I myself can vouch for the fertility of the soil. In 1865 we took up a large area of land outside the Manbhum town, and after removing the stones that were lying scattered upon it, scratched the ground with the country plough (which here is still lighter than an ordinary country plough) and sowed múng (*phaseolus múngo*) on it. No other care was bestowed upon it, but the result was a bumper crop.

found a congenial home in the Lohardaga and Singhbhum districts and in the black soil of Chhattisgarh, and, as in Bombay, the American war contributed greatly towards the extension of its cultivation. The area under sugarcane is also increasing, and it is said to grow luxuriantly in Gangpar, a tributary State in the Chhota Nagpur Division, from which a large quantity of molasses is exported. A fine quality of tobacco is also grown, chiefly for home consumption, and a large quantity of silk is produced from domesticated *tasar* worms. Tea-planting has been introduced in the Hazaribagh and Lohardaga districts, and the soil is said to be suited for coffee also. Owing to extensive areas of pasture land existing in the country, large quantities of ghi are produced, which are exported to Calcutta. The following figures show the acreage under different crops in districts for which information is available:—

	Raipur.	Sambalpur.	Bilaspur.	Manbhum
Rice	1,217,853	578,609	732,487	768,000
Wheat	240,966	...	64,154	6,400
Other food	535,789	63,717	278,424	416,000
Oil-seeds	168,273	34,563	78,213	32,000
Sugarcane	25,740	7,349	7,012	44,000
Cotton	81,343	35,482	29,502	64,000
Fibres	1,466	...	1,044	32,000
Tobacco	37,311	...	3,074	19,200
Vegetables	4,886	...	3,109	3,200
Others	10,417	...	...	...

Trade.

8. The trade is entirely in the hands of the banjaras, who penetrate to the utmost recesses of the wild country through roads "which," Captain Blunt wrote in 1795, "nothing but the most indefatigable industry could induce him to attempt, and where the straitness of the paths and defiles barely affords a passage for him and his bullocks." Owing to absence of the facilities of export, they find here an inexhaustible supply of grain at cheap rates which they exchange for salt, piece-goods, &c. Trade statistics are not available; but during the year 1880-81 the total trade of the three towns in Chhattisgarh, *viz.*, Raipur, Nandgaon, and Dongargarh, amounted to imports Rs. 46,35,000, exports Rs. 55,72,000, total Rs. 1,02,07,000. The whole of the import trade, which consists chiefly of piece-goods, hardware and salt, will probably be carried by the railway. The annual consumption of salt, at the rate of one-tenth of a maund per head of population, amounts to more than 6,98,000 maunds.

9. The following statement shows the prices (retail) prevailing at the head-quarters of the different districts through which the proposed railway is to pass compared with those prevailing in Calcutta on the one side, and Nagpur on the other:—

Number of seers per rupee of the following articles on 15th April 1882.

NAME OF ARTICLE.	Calcutta.	Hazaribagh.	Manbhum.	Lohardaga.	Singbhum.	Raipur.	Bilaspur.	Sambalpur.	Nagpur.
Wheat	14 9/16	16	15 9/16	19	24	40	54	27	19 1/8
Barley	26 1/8	27	34	30	32	...	...	...	...
Common rice	20	22	34	26	40	46	52	54	17 4/16
Gram	24 12/16	21	20	20	24	40	60	25	24 1/8
Salt (wholesale)	16	11	11	10	10	4 8/16	...	4 8/16	3 1/8

In the interior of the districts, the wholesale prices at which traders purchase grain are necessarily much cheaper than those shown in the above statement.

Forest products.

10. Various kinds of forest products are found in the jungles, some of which are of great economical value. Jungle roots, leaves, flowers, and fruits afford food to the lower classes for about three months in the year. Fibrous plants are found suitable

for making ropes, and grass for paper. Many kinds of timber, particularly the valuable sál (*shorea robusta*), the ebony and the sisu (*Dalbergia latifolia*), rot in the forests for want of facilities of export. Attempts were made to float them down the rivers, but the difficulties and expenses were too heavy to pay. Nipal formerly supplied sál timber to Lower Bengal, but since the stoppage of this supply a few years ago, Burma teak has taken its place. But even this supply, which is chiefly drawn from the Shan and Karen country in Upper Burma, is said to be getting scarcer day by day. The proposed railway will therefore open a new timber-country, which will probably be able to take possession of this trade until the Government reserved forests in other parts of the country grow up. Sál trees are at present girdled for the extraction of resin, which operation very much deteriorates the value as timber. The dyeing material found in the country consists of the different kinds of myrobalans (*terminalia chebula* and *bellerica*), amla (*emblica officinalis*), gall nuts, khayer (*acacia catechu*) and barks of several trees.* Now, the demand for myrobalans is large both for use in this country as well as for export to Europe.

Australia is also beginning to be a purchaser of this article. Another valuable tree abounds in the jungle, the mahua (*Bassia latifolia*), the wood of which is used for building purposes, the flowers as a nutritous food by the people, and from which the country spirits are distilled, and the seeds yield an oil used for burning, as well as in adulterating ghi, which article it very much resembles. Jungle products chiefly exported are lac, tasar silk, bees-wax, mahua flower, myrobalans, gall nuts, resin, catechu, &c.

Mineral products.

11. The country is very rich in minerals. Coal exists in several places. Iron is found in nodular form in most of the hill ranges, and is smelted in a rude way by the people. Copper was formerly worked, but now abandoned. Gold-dust is found in the sands of the rivers, and has probably given name to the river Subarnarekha, or the "golden streak," and a class of people subsist by washing for it. The other mineral products are lead, limestone, slate, potstone, red ochres, &c.

No. 2314—129, dated Nagpur, 28th June 1882.

From—A. H. L. Fraser, Esq., Offg. Secretary to the Chief Commissioner, Central Provinces,
To—The Secretary to the Government of India, Revenue and Agricultural Department.

I am directed to acknowledge receipt of your letter No. 480 A., dated 25th ultimo, and to submit the annexed Note on the advantages likely to be derived from the proposed railway through Chota Nagpur and the Central Provinces.

2. I am, however, to say that, except perhaps that the greater proximity of Calcutta to the eastern portions of the Chhattisgarh Division may increase the advantages of the through line to them, the advantages indicated in this Note are all likely to accrue to the districts of that division from the Nagpur and Chhattisgarh Railway already taken in hand by this Administration. It is his firm conviction of the reality of these advantages which has induced the Chief Commissioner to devote so much energy to the prosecution of that undertaking.

3. Copy of the returns of traffic for two weeks on the Nagpur and Chhattisgarh State Railway (open as far as Amgaon) are submitted for facility of reference, as showing the present trade on the line.

Note.

The proposed railway from Sitarampur to Nagpur will probably pass through the following districts of the Central Provinces, *viz.*, Sambalpur,

* I myself have seen (in 1865) the terminalia fruits lying unheeded thickly under the trees in the Chhota Nagpur jungles.

Bilaspur, Raipur, and Bhandara. Of Bhandara there is little that need be said. The head-quarters town of that district is only 40 miles from Nagpur. There is no doubt that the agriculture and commerce of this district will benefit from the extension of the line of rail through it. But the benefits to be derived by it will be small indeed compared with those to be derived by the districts of Raipur and Bilaspur. It is the importance of opening up these two districts and meeting the trade requirements of the Chhattisgarh Division that led the Chief Commissioner to push on the Nagpur and Chhattisgarh State Railway, and it is the traffic of this part of the country that will make the proposed railway from Sitarampur to Nagpur pay, as far as the Central Provinces are concerned. The benefits which will accrue to Sambalpur will no doubt also be considerable. But it is impossible to procure at present any statistics on which an accurate estimate of these benefits can be based. It is difficult, too, to estimate how far the railway may supersede the river traffic from Sambalpur. Further, very much of the trade of Sambalpur passes through Bilaspur and Raipur, and it cannot well be treated of separately.

2. Raipur is the largest district in the Central Provinces; and Bilaspur is the third, Chanda with the Sironcha Sub-Division being the second. The following figures for these two districts are interesting. They are extracted from the last Central Provinces Administration Report:—

	Area in square miles.				Population.	Revenue.	
	Cultivated.	Culturable.	Unculturable.	Total.		Land.	Gross.
						Rs.	Rs.
Raipur . .	3,553	4,420	3,912	11,885	1,093,405	6,49,255	9,07,833
Bailaspur . .	2,429	1,569	3,800	7,798	715,398	2,80,661	3,98,676

The figures given above under the head "Population" are those of the census of 1872. The figures of last census show the population of the two districts to be 1,405,171 and 1,017,327 respectively.

3. One other set of figures may be extracted from the last Administration Report, *viz.*, the following figures from the Price Current:—

		Wheat.		Gram.		Common rice.	
		Srs.	Chtks.	Srs.	Chtks.	Srs.	Chtks.
Jubbulpore	1879-80	11	0	12	8	12	8
	1880-81	18	0	20	0	16	0
Nagpur	1879 80	10	4	10	0	9	12
	1880-81	14	4	14	12	11	8
Raipur	1879-80	22	8	16	0	20	0
	1880-81	27	0	23	0	23	8
Bilaspur	1879-80	22	0	22	0	28	0
	1880-81	32	0	32	0	39	0

This gives for the last two years the number of seers per rupee in the two districts of Raipur and Bilaspur as compared with the number in the two nearest railway districts; and it shows how, especially in the case of wheat and rice, the prices in Chhattisgarh rule exceedingly low owing to the want of easy communication.

4. As to trade, the returns show that the average export of the principal articles of produce of the two districts from 1864 to 1868 was—

	Wheat.	Rice.	Other grains.	Oil seeds.
	Mds.	Mds.	Mds.	Mds.
Raipur	314,487	170,296	78,937	29,908
Bilaspur	58,957	218,047	6,651	195
Total Maunds	373,444	388,343	85,588	30,103
Total Tons.	18,831	14,383	3,169	1,115

making a total of 32,498 tons, the greater part of which went to Nagpur. The average for the three years 1873—1876 was—

	Wheat.	Rice.	Other grains.	Oil seeds.
Maunds	388,124	413,316	192,345	355,514
Tons	14,375	15,511	7,123	13,167

making a total of 50,176 tons, being an increase of about 54 per cent. in eight years. It is to be borne in mind that this trade was carried on bullock carts or pack bullocks making a journey of, say about two months (going and returning) to the exporting ryots. In later years the figures for different districts are not given; but the export trade of the Central Provinces has greatly increased, and there is no doubt that the Chhattisgarh Division has its fair share of the increase.

5. The inequality of prices still existing shows the possibilities of development in the trade in these articles. Mr. Chisholm, in his settlement report on the Bilaspur District, mentions extraordinary instances of the increase of cultivation under the influence of increased demand for agricultural produce. The response made by the Chhattisgarh Division to the calls on it in the famine years give evidence to the same effect. And in view of the large amount of land still uncultivated in the two districts immediately under consideration, and of the inferior methods pursued in the cultivated area, the Chief Commissioner does not consider that Mr. J. F. K. Hewitt (Commissioner of Chota Nagpur, formerly Settlement Officer, Raipur) was too sanguine when he wrote, "Considering the fertility of the soil of Chhattisgarh, the patience and steady industry of its inhabitants, and the spirit of enterprise among them, already shewn by the large trade carried on under very great difficulties, I have no hesitation in saying that the trade would, within a year or two after the opening of the railway, reach a total of two or three hundred thousand tons a year, and that it would yearly increase."

6. The trade in lac and hides, gur and tussur cocoons is considerable and capable of large increase. The import trade, specially in salt, is very large, even now. It is bound to increase as the country is opened out and the circumstances of the people improve.

7. The forests of Bilaspur and Raipur have been found to be very valuable. Mr. Thomson, a Deputy Conservator of great experience, has recently reported very favourably of them. They are capable of great development, and are likely to become very profitable.

8. The advantages of the railway may be briefly summed up as follows:—

(1) A great granary would be opened out for the supply of the ordinary market and for the prompt relief of any famine-stricken part of India.

(2) Chhattisgarh would be delivered from the fear of famine.

(3) A fertile country eminently fitted for colonization would be opened up.

(4) Facilities for profitable manufactures would be afforded.

(5) The land revenue would be greatly increased.

(6) The line would undoubtedly be profitable as an investment.

NAGPUR AND CHHATTISGARH STATE RAILWAY.

Approximate Return of Traffic for week ended 3rd June 1882 on 98 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-Miles run.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	11,414	4,363 8 6	108,841 0	12,638 6 0	28 0 0	17,029 14 6	1,250	2,724	3,974
Or per mile of Railway (98 miles)	...	44 8 5	...	128 15 5	0 4 7	173 12 5	...	...	...
For previous 21 weeks of half-year	249,993	59,203 15 0	2,502,842 30	3,01,936 6 4	1,993 13 10	3,63,134 3 2	21,661	75,483	97,144
Total for 22 weeks	261,407	63,567 7 6	2,611,683 30	3,14,574 12 4	2,021 13 10	3,80,164 1 8	22,911	78,207	101,118
Comparison.									
Total for corresponding week of previous year	10,068	2,076 8 3	58,380 30	4,280 9 0	47 6 0	6,404 7 3	573	1,552	2,125
Per mile of Railway corresponding week of previous year (66 miles)	...	31 7 5	...	64 13 8	0 11 6	97 0 7	..	...	...
Total to corresponding date of previous year	189,987	36,540 4 0	1,798,175 10	91,646 4 1	430 8 0	1,28,617 0 1	13,843	25,634	39,477

Nagpur;
10th June 1882.

F. L. BROWN,
Examiner, State Railway Accounts, Central Provinces.

NAGPUR AND CHHATTISGARH STATE RAILWAY.

Approximate Return of Traffic for week ended 10th June 1882 on 98 miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic		Other earnings (estimated).	Total earnings.	Traffic Train-Miles run.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	10,976	2,701 0 9	73,369 0	8,433 1 0	30 7 6	11,164 9 3	898	2,303	3,201
Or per mile of Railway (98 miles)	...	27 9 0	.....	86 0 10	0 4 11	113 14 9	...	...	..
For previous 22 weeks of half-year	261,407	63,567 7 6	2,611,082 30	3,14,574 12 4	2,021 13 10	3.80,164 1 8	22,911	78,207	1,01,118
Total for 23 weeks	272,383	66,268 8 3	2,685,052 30	3,23,007 13 4	2,052 5 4	3,91,328 10 11	23,809	80,510	1,04,319
Comparison.									
Total for corresponding week of previous year	8,610	1,602 7 9	77,380 30	2,642 5 8	23 0 0	4,267 13 5	661	741	1,402
Per mile of Railway corresponding week of previous year (53 miles)	...	30 3 9	.....	49 13 8	0 6 11	80 8 4	...	...	...
Total to corresponding date of previous year	198,597	38,142 11 9	1,875,556 0	94,288 9 9	453 8 0	1,32,884 13 6	14,504	26,375	40,879

Nagpur,
17th June 1882.

F. L. BROWN,
Examiner, State Railway Accounts, Central Provinces.

No. 717A., dated Simla, 24th July 1882.
Endorsed by the Government of India, Revenue and Agricultural Department.

Copy of the above, with its enclosures and a Note drawn up in this Office, forwarded to the Public Works Department, with reference to their endorsement No. 441 R. C., dated the 9th May last.

Order.—Ordered, that this correspondence be published in the Supplement to the *Gazette of India* for information.

W. S. TREVOR, *Colonel, R. E.,*
Secretary.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY STORES.

LIST OF TENDERS ACCEPTED BY THE PORT STOREKEEPER OF THE STATE RAILWAY DEPARTMENT AT CALCUTTA, FOR THE SUPPLY OF STORES FOR STATE RAILWAYS, DURING THE OFFICIAL YEAR 1882-83.

Extract from the Proceedings of the Governor General in Council in the Public Works Department, No. 192 R. S., dated Simla, the 17th August 1882.

Read the following list :—

Names of Articles.	Rate delivered at Railway Station.	Per	Remarks.	Tender accepted.
Acid, carbolic	0 1 9	℔	... ...	Messrs. Shyama Charan Bhaduri and Co.
,, muriatic	0 6 0	,,	... ...	,, Raj Kisto Dass and Co.
,, sulphuric	0 0 9	,,	... ...	,, Ditto.
Alkanut root	0 3 6	,,	... ...	,, Jogin Chunder Ghose and Co.
Alum	0 1 3	,,	... ...	,, Ditto.
Ammonia, spirit of	12 12 0	gallon	... ...	,, Raj Kisto Dass and Co.
Antimony	0 3 0	℔	... .	,, Shib Kisto Daw and Co.
Aquafortis	0 12 0	gallon	... .	,, Raj Coomar Mullick and Co.
Asphalt	2 3 0	cwt.	.. ..	,, Banerjee and Co.
Bags, gunny	...	100	Not accepted.	
Baskets, ballast, bamboo	7 0 0	100	... ...	,, Kadar Nath Ghose.
,, ,, cane	11 6 0	100	... ...	,, Raj Coomar Mullick and Co.
,, coko, cane	19 0 0	100	.. ..	,, Poorna Chunder Coomar and Co.
,, ,, bamboo	6 8 0	100	... ...	,, Gungadhur Banerjee and Co.
,, office, cane 15′ × 10″ × 3½″	0 11 9	each	.. ..	,, Joy Kissen Chunder and Co.
,, ,, waste paper	0 8 0	,,	... ...	,, Ditto.
Belts, guards' leather, with pouches, whistles and chains	7 0 0	,,	... ...	,, Sigg Sulzer and Co.
Belts, guards' leather, without pouches, whistles and chains	2 12 0	,,	... ...	,, Ditto.
Bolts, chaprassies', cloth	0 7 0	,,	... ...	,, Raj Kisto Dass and Co.
Belting, leather, best, country, single	...	℔	See detailed list annexed.	
,, ,, ,, double	. .	,,		
,, ,, ,, treble		,,		
Bismuth	560 0 0	cwt.	... ...	,, Raj Coomar Mullick and Co.
Bones, cuttlefish, whole pieces	0 7 0	℔	... ...	,, Shib Kisto Daw and Co.
Borax, common, or sohaga	11 0 0	cwt.	... .	,, Jogin Chunder Ghose and Co.
,, refined	19 4 0	,,	... .	,, Ditto.
Bricks, Bath	0 7 0	12	... ...	,, Bhola Nath Mookerjee and Co.
,, fire, best	8 12 0	100	... ...	,, Ahmuty and Co.
Brooms, country	1 12 0	cwt.	.. ..	,, Raj Coomar Mullick and Co.
Buckets, fire, leather	4 0 0	each	... ...	,, Sigg Sulzer and Co.
,, iron, galvanized, medium size	9 0 0	12	.. ..	,, Ahmuty and Co.
Bullahs, saul	0 3 0	L. ft. to 0-5-0	.. ..	,, Poorna Chunder Coomar and Co.
,, soondree	0 2 0	,,	... ...	,, Ditto.
Bunting, white	0 5 9	yard	... ...	,, Bhola Nath Mookerjee and Co.
,, red	0 5 9	,,	... ...	,, Ditto.
,, green	0 5 9	,,	... ...	,, Ditto.
Camphor	0 10 6	℔.	... ...	,, Ditto.
Cane or rattan, picked	8 0 0	cwt.	... .	,, Jogin Chunder Ghose and Co.
Canvas, country	0 2 9	sq. yd.	... ...	,, Bhola Noth Mookerjee and Co.
Case, flags, signal, leather	...	each	Not accepted.	
,, ,, tin	..	,,		
Catgut	1 1 9	℔.	... .	,, Bhola Nath Mookerjee and Co.
Cement, Roman	5 8 0	cwt.	... .	,, Ujoodahprosad and Juggernauth.
Chalk, white	1 2 0	,,	... .	,, Bhola Nath Mookerjee and Co.
Chairs, office, armed	4 8 0	each	... .	,, Jogin Chunder Ghose and Co.
,, plain	2 8 0	,,	... .	,, Ditto.
Chloride of lime	26 0 0	cwt.	.. ..	,, Kadar Nath Ghose and Co.
Clay, fire, best	2 2 0	,,	... .	,, Bhola Nath Mookerjee and Co.
Cloth, cotton dungree, 18″ wide	0 1 6	yard	.. ..	,, Jogin Chunder Ghose and Co.
Coal, rubble, country	..	ton	Not accepted.	
,, smithy ,,	...	,,		
,, steam ,,	...	,,		
Coke ,,	...	,,		
,, English		,,		
Copper scissel	52 15 0	cwt.	... ...	,, Bhola Nath Mookerjee and Co.
Coir, loose	6 4 0	,,	.. ..	,, Raj Coomar Mullic and Co.
Cumblees, woollen, coarse	1 4 0	each	...	,, Raj Kisto Dass and Co.
,, ,, fine	1 10 0	,,	. . ...	,, Joy Kissen Chunder and Co.
Dammer	2 4 9	cwt.	.. ..	,, Ditto.
Dhaws (native hatchets)	0 8 0	each	.. ..	,, Ahmuty and Co.
Dusters, cotton, common	0 12 9	doz.	... ...	,, Jogin Chunder Ghose and Co.
Emery cloth, of sorts	0 8 0	quire	... ...	,, Ram Chunder Dutt and Co.
,, four	0 3 9	℔.	... ...	,, Shib Kisto Daw and Co.
,, powder	0 3 6	,,	... ...	,, Ditto.
Erasers, ink, Faber's	1 8 0	doz.	.. ..	,, Gungadhur Banerjee and Co.
Ether, spirit of	12 0 0	gallon	... .. .	,, Raj Kisto Dass and Co.
Feeder, oil, conical	0 8 0	each	... .	,, Ahmuty and Co.
,, ,, ordinary	0 3 0	,,	. ... ..	,, Raj Kisto Dass and Co.
,, spring	1 0 0	,,	... ..	,, Ditto.
Felt, dry	0 9 0	piece	.. ..	,, Jogin Chunder Ghose and Co.
,, tarred, in pieces	0 4 6	,,	... .	,, Ditto.
,, ,, in rolls	0 8 6	yard	... .	,, Ditto.
Flags, pointsmen's, bunting, green	5 4 0	12	... ...	,, Ahmuty and Co.
,, ,, ,, red	5 4 0	12	... ...	,, Ditto.

Names of Articles.	Rate delivered at Railway Station.	Per	Remarks.	Tender accepted.
Flags, pointsman's, bunting, white	5 4 0	12	... ...	Messrs. Ahmuty and Co.
* Flax, dressed, best	11 0 0	cwt.	... ...	" Ditto.
Fuze, blasting, 300 coils in cask	...	cask	Not accepted.	
Gold leaf	8 4 0	12 books	... ...	" Bhola Nath Mookerjee and Co.
Gongs, bell-metal	0 13 3	lb.	... .	" Ujoodahprosad and Juggernauth.
Glass panes, of sizes, white	0 1 10	sq. ft.	... ...	" Gungadhur Banerjee and Co.
" red	0 3 0	"	... ...	" Ditto.
" green	0 3 0	"	... ...	" Ditto.
* Glue, common	0 4 0	lb.	... ...	" Shib Kristo Daw and Co.
" best, China	0 5 6	"	... ...	" Ujoodahprosad and Joggernauth.
* Gum, Arabic, picked	0 4 6	"	... ...	" Gungadhur Banerjee and Co.
Handles, adze, ash	2 4 0	12	... ...	" Ujoodahprosad and Juggernauth.
" beater or pickaxe	2 13 0	12	... ...	" Ditto.
" " soondree	1 13 0	12	... ...	" Ditto.
" hammer, large ash	2 13 0	12	... ...	" Ditto.
" " small ash	2 4 0	12	... ...	" Ditto.
* Hemp, dressed best	14 8 0	cwt.	... ...	" Ahmuty and Co.
Jute teasings	6 7 0	"	... ...	" Gungadhur Banerjee and Co.
Khus-khus	2 13 0	"	... ...	" Ujoodahprosad and Juggernauth.
Laces, leather, belting	0 14 0	lb.	... ...	" Sigg Sulzer and Co.
Leather, in hides, tanned, country	0 14 0	"	... ...	" Ditto.
Litharge	0 3 6	"	... ...	" Gungadhur Banerjee and Co.
Marline, tarred	16 4 0	cwt.	... ...	" Dogumber Dass.
Matting, bamboo	0 1 6	sq. ft.	... ...	" Gungadhur Banerjee and Co.
" cane	0 5 0	"	... ...	" Ditto.
" China, full size	...	piece	Not accepted.	
" coir	0 12 0	sq. yd.	... ...	" Ahmuty and Co.
Moats, leather	...	each	Not accepted.	
Oakum, picked	9 15 0	cwt.	... ...	" Bhola Nath Mookerjee and Co.
Oil, castor (Rates included cost of casks, cases, and drums.)	11 0 0	"	... ...	" Sooresh Chunder Paul and Co.
" coccanut	13 0 0	"	... ...	" Ditto.
" earth petroleum	1 0 0	gallon	... ...	" Bhola Nath Mookerjee and Co.
" gurjon	0 15 6	"	... ...	" Ujoodahprosad and Juggernauth.
" neat's foot	0 12 0	"	... ...	" Bhola Nath Mookerjee and Co.
" kerosine, Devoe's best	4 7 0	case	... ...	" Gungadhur Banerjee and Co.
* " linseed, boiled, English	2 0 0	gallon	... ...	" Ahmuty and Co.
* " " raw	1 14 0	"	... ...	" Ditto.
" " boiled, country	1 14 0	"	... ...	" Ditto.
" " raw	1 12 0	"	... ...	" Ditto.
Paint, red, Olpherts (oxide of iron)	8 0 0	cwt.	... ...	" Kadar Nath Ghose and Co.
Paper, sand or glass	0 8 0	quire	... ...	" Ahmuty and Co.
Paulins, oiled	1 1 0	sq. yd.	... ...	" Ditto.
" tarred	0 14 0	"	... ...	" Ujoodahprosad and Juggernauth.
Pots, drinking, iron, enamelled	0 8 0	each	... ...	" Kadar Nath Ghose and Co.
" " tin "	0 1 4	"	... ...	" Raj Kisto Dass and Co.
Potash, country	80 10 0	cwt.	... .	" Ram Chunder Dutt and Co.
Powder, blasting	...	"	No tender received.	
" disinfecting	12 0 0	"	... ...	" Ahmuty and Co.
Pumice stones, whole pieces	14 0 0	"	... ...	" Banerjee and Co.
Rings, gauge, glass, India-rubber, of sizes	0 8 0	12	... ...	" Ahmuty and Co.
* Rope, coir, 1" to 1¼"	14 0 0	cwt.	... ...	" Ditto.
* " " 2" to 8"	14 0 0	"	... ...	" Ditto.
* " hemp, dry, 1" to 1¼"	20 0 0	"	... ...	" Ditto.
* " " " 2" to 8"	19 0 0	"	... ...	" Ditto.
* " " tarred, 1" to 1¼"	18 0 0	"	... ...	" Ditto.
* " " " 2" to 8"	17 0 0	"	... ...	" Ditto.
* " Manilla 1" to 1¼"	30 0 0	"	... ...	" Ditto.
* " " 2" to 8"	29 0 0	"	... ...	" Ditto.
* " tail, with hooks	14 8 0	each to 16-8-0	... ...	" Ditto.
Rosin	5 13 0	cwt.	... ...	" Joy Kissen Chunder and Co.
Rotton stone	...	"	Not accepted.	
Sajimatti, or fuller's earth	3 11 6	"	... ...	" Bhola Nath Mookerjee and Co.
Saltpetre	10 6 0	"	... ...	" Joy Kissen Chunder and Co.
Salammoniac	34 7 0	"	... ...	" Ujoodahprosad and Joggernauth.
Sand, moulders, best, country	5 0 0	ton	... ...	" Raj Coomar Mullick and Co.
Shells, oyster	5 8 0	cwt.	... ...	" Shyama Charan Bhaduri and Co.
Signal, fog, in tin cases of 12	2 12 0	12	... ...	" Ahmuty and Co.
Skins, wash, or chamois leather	1 0 0	each	... ...	" Jogin Chunder Ghose and Co.
Soap, bar, country	12 0 0	cwt.	... ...	" Bhola Nath Mookerjee and Co.
" soft "	17 7 0	"	... ...	" Patitpaban Mittra and Aditya Chundra Bose.
" in cakes	0 10 6	dozen	... ...	" Raj Kisto Dass and Co.
Soda	7 15 0	cwt.	... ...	" Bhola Nath Mookerjee and Co.
* Sponges, medium quality	0 14 0	oz.	... ...	" Ujoodahprosad and Juggernauth.
Staves, flag	0 12 0	12	... ...	" Gungadhur Banerjee and Co.
Straw, for packing	0 14 0	cwt.	... ...	" Ditto.
Soda, carbonate of	8 4 0	"	... ...	" Bhola Nath Mookerjee and Co.
Tallow, best, country (Rates to include cost of casks.)	16 8 0	cwt.	... ...	" Jogin Chunder Ghose and Co.
Tar, coal, best (Rates to include cost of casks.)	8 15 0	casks of 36 gallons.	... ...	" Bhola Nath Mookerjee and Co
Tar, Stockholm (Rates to include cost of casks.)	14 15 0	"	... ...	" Ditto.
Turpentine	2 10 0	gallon	... ...	" Poorna Chunder Coomar and Co.
Twine, Bengal, in hanks	0 2 9	lb.	... ...	" Bhola Nath Mookerjee and Co.
Twist, cotton (in pressed bales)	40 0 0	cwt.	... ...	" Raj Kisto Dass and Co.
Vermillion, China	0 8 6	lb.	... ...	" Gungadhur Banerjee and Co.
Wax, bees'	0 11 6	"	... ...	" Ditto.
" sealing, for cash bags	0 4 0	"	... ...	" Raj Kisto Dass and Co.
Waste, cotton, No. 1 quality. (In pressed bales)	20 0 0	cwt.	... ...	" Ditto.
" " No. 2 " (In pressed bales)	18 0 0	"	... .	" Ahmuty and Co.
" " No. 3 " (In pressed bales)	12 8 0	"	... .	" Jogin Chunder Ghose and Co.
" jute (In pressed bales)	6 0 0	"	.. ..	" Gungadhur Banerjee and Co.
Wicks for kerosine oil, ½-inch	0 0 6	yard	... ...	" Poorna Chunder Coomar and Co.
" " " ¾ "	0 0 9	"	... ...	" Ditto.
" " " 7/8 "	0 0 10	"	.. ..	" Ditto.
" " " 1 "	0 1 0	"	... ...	" Ditto.
" " " 1¼ "	0 1 3	"	... ...	" Ditto.
" " " 1½ "	0 1 6	"	... ...	" Ditto.
Yarn, coir	9 0 0	cwt.	... ...	" Degumbur Dass.
" spun, dressed	16 0 0	"	... ...	" Ram Chunder Dutt.

Accepted rates for country belting leather.

	Sizes.															Remarks.
	1½″	2″	2½″	3″	3½″	4″	5″	6″	7″	8″	9″	10″	4½″	12″	Per	
Single . . .	0 3 0	0 4 0	0 5 0	0 6 0	0 7 0	0 8 0	0 10 0	0 12 0	0 14 0	1 0 0	1 2 0	1 2 0	0 9 0	1 4 0	Foot	Sigg Sulzer & Co.
Double . . .	0 5 0	0 6 0	0 8 0	0 12 0	0 14 0	0 15 0	1 2 0	1 6 0	1 12 0	2 2 0	2 4 0	2 6 0	0 15 0	2 10 0	,,	
Treble . . .	0 8 0	0 10 0	0 13 0	1 0 0	1 3 0	1 6 0	1 11 0	2 0 0	2 6 0	2 12 0	3 0 0	3 10 0	1 8 0	4 0 0	,,	

ORDER.—Ordered, that this list be published in the Supplement to the *Gazette of India* for information.

W. S. TREVOR, *Colonel, R.E.*,
Secretary.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENTS OF PRICES CURRENT OF FOOD-GRAINS FOR THE 2nd HALF OF JUNE 1882, PUBLISHED IN PAGES 978, 979, 986 AND 987 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 29th JULY 1882.

Provinces.	Districts.	Average wages per month.		
		Able-bodied Agricultural Labourer.	Syce or Horse-keeper.	Common Mason, Carpenter, or Blacksmith.
		Rs. A. P.	Rs. A. P.	Rs. A. P.
Madras	Anantapur	3 14 7	4 8 0	14 10 11
	Trichinopoly	4 0 0	6 8 0	10 8 0
Rajpootana	Erinpura	6 0 0	6 0 0	12 0 0
	Sirohee	6-0 to 10-0	6-0 to 8-0	10-0 to 25-0
	Abu	8 0 0	6-0 to 8-0	15-0 to 25-0
	Anadra	6-0 to 10-0	8 0 0	15-0 to 25-0
	Marwar (Jodhpore)	8 0 0	5 0 0	10 0 0

D. M. BARBOUR,
Secretary to the Govt. of India.

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch*).

GOVERNMENT

DEPARTMENT OF FIN

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPEE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Madras.	Ganjam	8 13	5 14	11 13*	...	...	...	17 13	17 13	17 13	19 8	19 8	19 8	...	...	...	...	...	...
	Vizagapatam	10 0	8 0	14 8	...	...	...	9 0	9 0	13 6	11 5	11 5	14 11	21 10	17 5	25 14	20 13	18 13	25 13
	Godavery	12 10	12 10	12 10	...	...	...	13 14	13 14	13 14	17 0	17 0	17 0	26 13	27 13	...	...	...	...
	Kistna	13 3	14 11	14 0	...	...	...	16 3	16 3	16 11	16 13	17 2	17 6	24 14	23 6	28 10	...	...	...
	Nellore	13 3	13 3	12 3	...	...	...	15 13	15 13	14 5	17 8	17 8	15 0	33 10	33 10	28 13	...	...	...
	Cuddapah	12 8	12 8	14 11	...	...	...	11 14	11 14	11 14	13 11	13 11	13 5	26 0	26 0	30 6	31 14	31 14	32 10
	Anantapur	14 6	14 6	11 8	...	...	...	13 14	13 14	13 14	15 2	15 2	15 2	30 14	30 14	33 0	18 13	18 13	18 13
	Bellary	14 6	15 0	15 13	...	...	...	12 5	12 5	12 13	13 8	13 8	14 0	33 0	33 0	33 0	24 6	22 13	30 2
	Kurnool	12 11	13 6	11 6	...	...	...	11 6	10 10	10 10	12 2	11 6	11 6	30 2	29 6	27 6	22 8	22 8	28 11
	Madras	10 2	9 13	9 8	...	...	...	13 5	13 5	13 8	15 2	15 2	14 3	24 8	23 0	20 14	25 0	25 0	22 6
	Chingleput	...	...	...	...	...	...	15 0	15 0	15 0	15 14	15 14	16 10	...	...	...	...	...	...
	North Arcot	10 8	11 6	11 0	...	...	...	15 0	14 0	14 0	16 14	17 5	15 0	30 14	32 3	27 5	27 3	28 14	28 2
	South Arcot	9 6	10 2	10 2	...	...	...	15 11	15 11	13 14	16 10	16 10	14 6	...	...	...	27 11	26 14	21 3
	Tanjore	10 5	11 0	10 5	...	...	...	17 13	17 13	14 2	...	...	...	34 3	36 10	25 6	30 6	32 10	29 0
	Trichinopoly	...	9 10	11 3	...	...	...	13 11	15 13	13 11	14 2	16 0	14 8	25 3	30 13	22 6	25 6	29 3	26 11
	Madura	11 11	11 0	12 14	...	...	...	15 8	16 0	13 0	16 0	16 8	13 8	31 10	34 0	30 13	30 14	32 5	24 5
	Tinnevelly	9 3	9 3	8 14	...	...	...	15 8	15 8	10 11	16 0	16 0	11 10	...	...	...	...	...	...
	Coimbatore	10 11	11 8	13 8	...	...	...	13 8	13 8	13 8	14 8	14 8	14 8	26 2	27 13	25 3	28 10	31 13	30 3
	Nilgiris	9 14	9 14	9 14	...	...	...	9 10	9 10	10 6	11 3	11 3	12 0	20 0	20 0	20 0	22 6	19 10	21 0
	Salem	12 11	12 11	13 10	...	...	...	14 0	14 10	14 0	15 0	15 10	16 0	29 2	29 2	27 5	19 11	23 13	26 3
	South Canara	8 10	8 10	10 5	...	...	...	9 3	9 11	8 11	11 13	13 3	14 11	...	...	...	...	...	...
	Malabar	7 3	7 14	7 3	...	...	...	13 5	14 10	15 3	13 13	15 0	15 13	...	...	...	...	...	...
Bombay.	Bombay	10 9	10 4	11 6	16 5	17 10	16 14	7 8	7 9	7 1	10 13	11 5	11 7	20 0	18 15	21 4	15 15	15 11	19 8
	Ahmedabad	13 8	12 8	15 8	...	...	23 0	7 0	31 0	7 8	8 0	8 0	12 8	17 0	17 0	25 0	16 8	14 8	22 8
	Kaira	13 5	12 5	14 9	20 0	20 0	32 0	10 0	10 0	9 6	16 0	15 4	14 9	20 0	17 12	22 14	16 0	15 4	20 0
	Surat	12 8	12 8	13 10	7 11	7 11	12 4	8 3	8 1	6 13	8 12	8 12	8 5	15 9	15 9	18 13	14 14	14 14	17 13
	Broach	12 5	12 5	16 0	...	...	...	9 6½	9 6½	8 14¼	12 9	12 9	11 6¼	15 4	15 4	18 13	13 10	13 10	18 13
	Tanna (Salsette)	9 12	9 12	11 11	...	...	...	8 3	8 3	7 3	10 0	10 0	11 4	18 10	18 10	18 10	15 0	15 0	18 0
	Colába (Alibág)	10 0	10 0	10 0	...	...	...	7 0	7 0	6 12	13 0	13 0	13 8	...	...	...	...	...	...
	Khandesh (Dhulia)	14 2	14 2	18 8½	...	...	...	7 4	7 4	7 4	10 15	10 15	10 15	23 13	23 13	27 3	18 14¼	18 14¼	23 6¼
	Násik	15 8	15 8	16 8	...	...	...	7 7	7 7	7 7	12 0	12 0	11 14	...	...	24 4	19 6	19 6	19 4
	Ahmednagar	13 12	14 1	17 4	...	...	...	9 7	9 9	8 8	12 5	11 12	10 8	31 5	28 0	34 2	24 1	23 8	26 14
	Poona	12 10	12 10	13 13	...	...	...	11 0	11 0	9 3	12 4	12 4	11 0	23 15	23 15	26 2	18 6	18 6	18 6
	Sholápur	12 11	14 1	17 3	...	...	...	10 11	10 7	11 7	11 8	11 5	12 4	35 6	31 15	35 6	24 13	23 14	32 2
	Kaládgi (Bagalkot)	19 0	19 0	17 0	14 8	14 0	15 0	6 8	6 8	7 12	9 0	9 0	9 12	35 0	35 0	25 0	31 0	29 0	25 0
	Satara	12 1	12 1	14 11	...	...	...	9 11	9 11	9 5	11 7	11 7	11 7	26 10	25 5	25 4	22 0	22 0	23 4
	Belgaum	19 0	19 0	18 0	13 0	13 0	11 0	9 8	10 0	11 0	10 0	10 8	11 8	27 0	27 0	27 0	24 0	24 0	30 0
	Dharwar (Hubli)	23 0	22 0	24 0	...	...	...	11 0	11 0	12 0	13 0	12 0	15 0	26 0	25 0	43 0	23 0	23 0	42 0
	Ratnágiri	10 9	10 9	10 9	...	...	...	7 13	7 13	9 4	12 11	12 11	12 11	18 3	18 3	20 13	14 11	14 11	15 15
	Kanara (Karwar)	9 0	9 0	13 0	...	...	...	8 0	8 0	7 4	11 8	11 8	15 0	16 0	16 0	22 0	...	...	...
	Pánch Maháls (Godhra)	11 6	11 6	13 15	...	...	...	11 6	11 6	11 6	15 0	15 0	15 0	22 8	22 8	40 0	16 0	16 0	24 0
	Aden	8 0	8 0	8 0	...	...	...	6 3	6 3	6 3	7 0	7 0	7 0	11 3	11 3	9 5	9 5	9 5	8 0
	Asirgarh	13 12	13 14	16 8	...	...	...	11 1	11 0	10 0	11 12	12 0	12 0	22 14	22 9	35 0	24 0	24 0	30 0
	Baroda	10 4½	10 9½	11 7	14 10½	14 12	17 2	9 2	8 12½	7 11	11 6	11 6	11 7	16 7	16 6	20 9	14 10½	14 15	18 14
	Disa	13 13	13 4	16 0	...	...	...	6 6	6 6	6 6	8 11	8 11	8 6	17 8	17 8	24 12	16 0	16 0	21 11
	Nimach	15 0	14 0	18 0	18 0	18 0	27 0	8 12	8 8	7 8	10 0	10 0	9 0	19 8	18 8	26 8	16 0	16 0	21 0
	Nasirabad	16 2½	16 8	16 10½	22 12½	22 3½	22 5½	6 0	6 0	6 0	7 0	7 0	7 0	23 3½	21 4¾	26 6	16 2½	16 8	17 14
	Rájkot	13 2	12 8	17 4	...	...	...	6 8	6 8	5 8	11 0	11 0	10 8	14 15	14 6	26 12	13 7	13 0	22 4
	Upper Sindh Frontier	14 5	14 4	12 0	26 0	26 0	18 0	11 4	11 4	9 2	20 0	20 0	12 8¾	32 0	32 0	20 0	28 0	28 0	...
	Karachi	12 5	12 5	11 10	21 8	21 8	18 0	9 8	9 8	9 0	17 0	17 0	12 0	22 0	22 0	18 0	18 0	18 0	18 0
	Haidarabad (Nakur)	16 0	16 0	13 0	26 0	25 0	20 0	12 0	12 0	10 0	21 0	20 0	14 0	26 0	26 0	20 0	25 0	25 0	20 0
	Shikarpur	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Thar and Parkar (Umarkot)	17 12	17 8	16 0	...	...	...	...	...	...	13 4	13 7	9 8	...	...	...	18 4	17 13	16 3
Bengal.	*Western Districts.*																		
	Burdwan	14 0*a*	14 0	16 0	30 0	45 0	30 0	24 0	22 0	24 0	26 8	24 8	28 8	...	...	...	...	...	...
	Bancoorah	13 8*b*	14 0	18 0	15 0	16 0	17 0	22 8	25 0	22 8	29 0	30 0	32 0	...	...	...	...	...	...
	Beerbhoom	13 4*c*	13 8	18 0	...	...	...	18 12	18 0	25 0	24 0	24 0	28 0	...	...	...	...	...	...
	Midnapore	14 0*d*	14 0	15 0	...	...	...	21 0	20 0	27 0	24 8	24 0	33 0	...	...	...	...	...	...
	Hooghly	18 0*e*	18 0	15 0	...	...	...	10 0	10 0	10 0	19 0	20 0	21 0	...	...	...	...	...	...
	Howrah	13 4	13 0	15 4	...	...	...	16 0	16 0	16 0	19 8	19 8	21 0	...	...	...	...	...	...

* The figure (13·0) quoted in the statement for fortnight ending 31st July 1881 is incorrect.

a In the sub-divisions retail prices of salt are as follow :—Cutwa 12 seers, Culna 15 seers, and Raneegunge 13-5 seers.

b Retail prices of salt at Raipore and Sonamukhi 12-8 seers, at Onda and Indas 16 seers, at Mejia and Bishenpore 13 seers, at Chatna 12 seers, and at Kotulpore 14 seers.

c In the interior retail prices of salt range from 10 to 14 seers.

F INDIA.

ANCE AND COMMERCE.

NDIA FOR THE 2nd HALF OF JULY 1882.

N SEERS OF 80 TOLAHS.

Lesser Millets. Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murnwa, Nuglee), *Panicum Miliaceum*, &c.			Gram.			Firewood.			Salt.						Districts.	Provinces.
									Wholesale.			Retail.				
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
35 3	35 3	32 3	26 10	26 10	32 10	215 13	215 13	215 13	...	...	...	13 13	13 13	12 0	Ganjam	Madras.
36 5	24 3	28 5	25 11	22 3	30 6	93 5	93 5	87 8	15 3	15 3	11 11	14 10	14 10	10 8	Vizagapatam	
29 2	33 10	36 6	26 3	25 3	33 10	194 6	194 6	194 6	14 10	14 10	12 8	14 10	14 10	12 8	Godavery	
35 3	33 13	38 3	21 11	21 6	29 10	145 13	145 13	145 13	16 5	16 0	13 2	15 11	15 11	12 14	Kistna	
36 6	36 0	30 14	23 2	27 5	26 3	186 10	186 10	93 5	14 13	14 13	13 3	14 13	14 13	12 11	Nellore	
31 8	31 8	33 0	29 3	29 3	35 5	194 6	194 6	194 6	17 2	16 10	13 14	16 10	16 3	13 8	Cuddapah	
31 0	33 0	34 14	31 5	33 10	40 5	...	...	...	14 5	14 5	11 14	14 5	14 5	11 14	Anantapur	
27 3	31 0	31 0	28 0	28 0	34 11	97 3	97 3	97 3	15 3	15 13	13 6	14 13	15 8	13 2	Bellary	
29 10	29 10	...	26 3	24 6	28 8	198 3	190 8	199 11	14 13	14 6	12 8	14 6	14 0	12 2	Kurnool	
28 0	28 0	27 2	24 10	24 10	27 11	81 6	81 6	81 6	16 11	16 14	14 6	16 3	16 3	13 14	Madras	
27 6	27 6	24 11	23 6	23 6	26 8	92 5	92 5	77 13	17 5	17 5	14 5	17 0	17 0	13 14	Chingleput	
34 3	33 5	30 13	24 10	26 10	30 8	140 0	140 0	140 0	14 13	14 13	12 11	14 5	14 5	12 5	North Arcot	
28 6	28 6	23 2	30 3	29 11	26 8	201 11	201 11	199 5	19 5	19 5	15 5	18 14	18 14	14 13	South Arcot	
34 0	39 5	30 3	28 14	29 11	29 11	194 6	194 6	194 6	15 10	15 10	12 6	15 3	15 3	12 6	Tanjore	
27 8	32 11	27 8	33 14	33 14	30 0	97 3	97 3	97 3	17 13	17 13	12 14	17 0	17 0	12 3	Trichinopoly	
31	32 8	27 14	34 11	34 11	34 11	145 13	170 2	93 5	17 5	16 6	11 3	16 13	16 0	10 14	Madura	
...	...	...	29 11	29 11	27 2	81 10	81 10	76 13	18 11	18 11	14 13	16 5	16 5	14 5	Tinnevelly	
27 14	31 3	27 14	31 5	31 5	41 13	131 3	131 3	131 3	14 2	14 2	12 3	13 10	13 10	11 11	Coimbatore	
20 13	21 10	20 3	22 6	22 6	24 14	161 13	161 13	121 8	11 0	11 0	9 3	11 0	11 0	9 3	Nilgiris	
29 0	30 13	30 13	33 8	35 8	39 6	151 10	151 10	151 10	18 0	16 6	14 5	15 6	15 5	13 5	Salem	
19 6	19 6	21 2	21 3	21 3	23 3	116 6	116 6	109 5	11 0	11 0	11 8	10 0	10 0	10 13	South Canara	
21 14	23 6	23 5	25 3	25 3	31 14	121 8	121 8	121 8	13 8	13 8	10 13	12 10	12 10	9 14	Malabar	
18 0	19 13	13 0	15 15	16 4	18 12	61 7	64 14	61 6	14 6	14 6	12 9	14 6	14 6	12 9	Bombay	Bombay.
...	...	...	20 0	20 0	23 8	80 0	80 0	80 0	16 8	16 8	13 4	16 0	16 0	13 0	Ahmedabad	
...	...	...	22 14	21 5	21 5	80 0	80 0	80 0	...	...	...	16 0	16 0	12 13	Kaira	
...	...	...	16 0	16 0	17 13	80 0	80 0	80 0	13 9	13 9	11 7	13 9	13 9	11 7	Surat	
...	...	...	16 0	16 0	20 0	106 0	106 0	106 0	15 4	15 4	12 12¾	15 4	15 4	12 12¾	Broach	
25 11	25 11	15 4	14 15	14 15	17 3	71 1	71 1	71 1	14 5	14 5	11 7	12 12	12 12	10 2	Tanna (Salsette)	
...	...	...	14 0	14 0	13 0	120 0	120 0	110 0	12 0	12 0	11 0	11 0	11 0	10 8	Colába (Alibág)	
...	...	...	17 1	17 1	25 2½	140 0	140 0	140 0	14 2	14 2	12 2	14 0	14 0	12 0	Khandesh (Dhulia)	
30 0	30 0	25 8	18 0	18 0	3 12	128 0	128 0	115 0	14 8	14 8	12 14	14 4	14 4	12 12	Násik	
...	...	...	19 12	19 10	24 1	91 5	91 5	106 10	14 9	14 9	11 2½	14 7	14 7	11 0	Ahmednagar	
...	...	...	17 4	17 4	19 9	68 0	68 0	76 0	13 1	13 1	11 6	12 13	12 13	11 2	Poona	
...	...	...	18 11	20 1	25 9	80 0	85 0	85 0	13 8	13 8	12 0	12 8	12 12	11 8	Sholápur	
...	...	...	14 0	14 0	16 0	130 0	120 0	112 0	11 3	11 8	10 0	11 0	11 0	9 12	Kaládgi (Bagalkot)	
...	...	...	15 10	14 5	16 14	110 15	110 15	116 8	12 6	12 6	10 14	11 10	11 10	10 3	Satara	
35 0	35 0	35 0	13 0	13 8	17 0	75 0	75 0	65 0	12 8	12 0	11 0	12 0	11 8	10 0	Belgaum	
28 0	28 0	49 0	11 0	11 0	21 0	80 0	80 0	80 0	8 12	8 12	8 12	8 0	8 0	8 0	Dharwar (Hubli)	
21 2	21 2	18 13	14 0	14 0	16 13	120 0	120 0	165 0	11 13	11 13	9 1	11 10	11 10	9 1	Ratnágiri	
21 0	21 0	22 8	12 0	12 0	13 0	213 5	213 5	213 5	11 8	11 8	9 12	10 8	10 8	8 12	Kanara (Karwar)	
23 0	23 0	40 0	25 0	25 0	32 0	200 0	200 0	200 0	16 0	16 0	...	15 4	15 4	11 6	Pánch Maháls (Godhra)	
...	...	...	9 5	9 5	9 5	65 5	65 5	65 5	...	...	...	32 0	32 0	32 0	Aden	
...	...	...	19 8	19 13	26 0	160 0	160 0	160 0	12 0	12 1	10 0	12 0	12 1	10 0	Asirgarh	
...	...	...	17 10	17 9	20 9	82 4	81 11	91 0	14 11½	14 5	12 0	14 10½	14 0	12 0	Baroda	
...	...	...	17 0	18 8	20 9	137 8	137 8	137 8	13 8	13 8	10 8	13 0	13 0	10 0	Disa	
...	...	...	18 8	17 8	22 0	160 0	160 0	140 0	...	...	...	11 0	11 0	8 0	Nimach	
...	...	...	22 10	22 8¼	21 13	81 9	85* 0	76 9	†16 6¾	†16 6¾	...	16 0†	16 0†	†12 5½	Nasirabad	
...	...	...	16 14	16 6	25 12	73 8	77 8	*75 0	†55 0	†55 0	†45 0	48 0†	48 0†	...	Rájkot	
40 0	40 0	...	20 0	20 0	18 0	160 0	160 0	160 0	‡12 5	‡12 5	‡10 10½	‡12 4	‡12 4	‡10 0	Upper Sindh Frontier	
11 0	11 0	9 8	17 0	17 0	20 0	105 0	105 0	103 0	17 13	17 13	14 3	17 0	17 0	14 0	Karachi	
...	...	...	18 0	15 0	11 0	480 0	480 0	320 0	14 0	14 0	10 0	14 0	14 0	10 0	Haidarabad (Nakur)	
...	...	...	...	...	...	...	...	...	...	...	...	No ret	urns re	ceived.	Shikarpur	
...	...	...	...	...	...	160 0	160 0	160 0	10 15	10 11	9 10	10 15	10 11	9 10	Thar and Parkar (Umarkot)	
									Prices per md. of 40 seers.						*Western Districts.*	Bengal.
									Rs. A. P.	Rs. A. P.	Rs. A. P.					
...	...	...	20 0	23 0	24 0	120 0	120 0	80 0	2 15 0	2 13 0	...	13 8	13 12	10 0	Burdwan	
...	...	...	18 0	18 0	20 0	240 0	280 0	240 0	3 3 0	3 0 0	...	12 0	13 0	9 0	Bancoorah	
...	...	...	20 0	22 0	23 0	180 0	160 0	180 0	3 7 0	3 3 0	...	11 8	12 8	9 0	Beerbhoom	
...	...	...	17 0	18 0	18 0	160 0	160 0	160 0	3 0 0	3 0 0	...	13 8	13 8	9 0	Midnapore	
...	...	...	20 0	20 0	21 0	120 0	120 0	100 0	2 14 0	2 14 0	3 12 0	13 9	13 9	9 0	Hooghly	
...	...	...	19 8	20 0	21 4	80 0	80 0	80 0	3 0 0	2 14 0	3 14 3	13 0	13 0	...	Howrah	

d In the sub-divisions retail prices of salt are as follow:—Contai 13 seers, Tumlook 13 seers, and Ghattal 15 seers.
e Retail prices of salt at Babugunge, Jhekrapota, and Balor 13-9 seers, at Serampore 13 seers, at Chanditola 12 seers, at Baidyabati 14 seers, at Bhuddessur 14-12 seers, and at Jehanabad 13-8 seers.
† Sambhur salt. ‡ In common use.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Bengal—*continued.*	*Central Districts.*																		
	Calcutta	13 5	14 0	17 4	21 5	23 2	40 0	10 0	10 0	7 4	20 0	20 0	16 0	...	...	...	...	...	...
	24-Pergunnahs	11 12*f*	12 12	14 0	20 0	22 8	26 0	9 0	10 0	10 8	16 0	18 0	20 0	20 0	22 8	...	...	13 12	...
	Nuddea	14 8*g*	14 8	16 0	26 0	26 0	32 0	16 13	16 13	16 13	20 0	20 0	21 5½	...	...	...	...	...	...
	Khoolna	...*h*	...	...	...	...	...	16 0	16 0	17 0	22 0	22 0	21 0	...	...	...	...	...	...
	Jessore	14 0*i*	16 0	15 8	...	...	...	17 0	18 0	20 0	22 0	22 0	29 0	...	...	...	...	...	...
	Moorshedabad	15 0*j*	16 0	20 0	...	...	...	16 0	17 12	18 0	24 0	25 0	26 0	...	...	...	...	...	...
	Dinagepore	11 0*k*	11 8	15 0	17 0	16 0	26 8	16 0	21 0	22 4	19 3	26 8	30 0	...	...	...	...	...	...
	Rajshahye	13 8*l* to 15 0	13 8 to 16 8	21 0	45 0	45 0	48 0	15 0 to 19 0	13 8 to 18 12	19 11 to 21 0	19 4 to 21 0	21 0 to 24 0	24 6 to 25 5	...	...	...	...	...	...
	Rungpore	16 0*m*	16 0	16 5	...	...	...	16 0	17 0	15 0	19 0	20 0	20 0	...	...	...	...	...	...
	Bogra	16 8	18 12	19 14	...	...	...	15 12	15 12	22 8	26 4	30 0	33 12	...	...	...	...	...	...
	Pubna	17 0*n*	18 12	24 0	...		...	10 0	10 0	12 0	26 4	25 0	30 0	...	...	...	...	...	...
	Darjeeling	8 0*o*	8 0	8 0	8 0	8 0	8 0	5 0	6 0	5 0	13 0	14 0	12 0	...	...	...	...	...	...
	Jalpáiguri	9 0*p*	9 0	10 0	20 0	20 0	...	14 0	16 0	13 5	18 0	24 0	20 0	...	...	...	...	...	...
	Eastern Districts.																		
	Dacca	13 5*q*	12 4	14 8	40 0	40 0	40 0	29 0	24 0	25 0	32 0	32 0	35 8	...	...	...	...	...	...
	Furreedpore	22 0*r*	22 0	21 0	35 0	35 0	32 0	22 0	22 0	8 0	24 0	24 0	27 0	...	...	...	...	...	...
	Backergunge	...*s*	...	...	...	...	...	20 0	20 0	20 0	24 0	24 0	30 0	...	...	...	...	...	...
	Mymensingh	10 8*t*	11 0	13 8	...	...	...	22 0	22 8	23 0	30 0	28 0	28 0	...	...	...	...	...	...
	Tipperah	11 8*u*	12 0	14 0	...	...	...	22 8	23 0	23 0	28 0	28 4	34 0	...	...	...	...	...	...
	Chittagong	9 0*v*	9 0	12 4	...	...	...	16 0	16 0	13 0	25 0	24 0	20 0	...	...	...	...	...	...
	Noakholly	...*w*	...	...	...	...	...	26 0	27 0	26 0	28 0	32 0	31 0	...	...	...	...	...	...
	Chittagong Hill Tracts	...	...	...	...	...	...	13 5	13 5	16 0	17 12	17 12	17 3	...	...	...	...	...	...
	Hill Tipperah	11 0	11 0	12 0	...	...	...	22 0	23 0	30 0	29 0	30 0	39 0	...	...	...	...	...	...
	Behar.																		
	Patna	18 8	16 8	21 8	34 0	34 0	40 0	12 0	11 8	15 0	22 0	21 8	22 0	...	...	...	...	...	...
	Gya	17 8*x*	17 0	19 8	29 0	29 0	38 0	12 8	12 0	12 8	18 8	19 0	21 0	...	...	...	...	...	...
	Shahabad	14 8*y* to 16 0	14 8 to 16 8	17 0 to 20 0	25 0	28 0	35 0	16 0 to 19 0	17 0 to 20 0	18 0 to 20 0	20 8	21 0	22 0 to 23 0	...	...	...	...	...	...
	Durbhunga	14 0*z*	14 0	18 0	32 8	32 0	45 0	14 8	14 0	18 0	17 0	17 0	20 0	...	...	...	...	...	...
	Mozufferpore	16 0*z*1	16 0	20 0	30 0	30 0	40 0	11 0	12 0	11 0	15 0	16 0	20 0	...	...	...	...	...	...
	Sarun	15 0*z*2	15 0	18 8	27 0	28 0	38 0	10 0	10 0	10 8	20 0	20 0	22 8	30 0	29 0	39 0	...	...	...
	Chumparun	18 0*z*3	18 0	22 0	35 0	36 0	50 0	12 0	12 0	14 0	19 0	20 0	21 0	...	...	...	...	...	...
	Monghyr	15 12*z*4	16 12	19 15	31 8	33 9	42 0	14 10	15 12	14 11	18 14	21 0	19 15	...	...	...	...	...	...
	Bhágalpur	14 8*z*5	15 2	15 2	30 4	30 4	40 6	17 11	17 11	17 11	21 7	21 7	20 3	...	...	...	...	...	...
	Purneah	14 0*z*6	15 0	22 0	...	...	40 0	20 0	20 0	20 0	22 0	22 0	28 0	...	...	...	...	...	...
	Maldah	16 0	16 0	20 0	...	...	...	15 0	16 0	19 0	20 0	21 0	24 0	...	...	...	...	...	...
	Sonthal Pergunnahs	13 0*z*7	13 0	14 0	...	...	...	18 0	18 0	24 0	23 0	23 0	27 8	...	...	...	...	...	...
	Orissa.																		
	Cuttack	13 2	14 7	19 11	...	...	...	15 12	15 12	18 6	27 9	24 15	22 5	...	...	...	...	...	...
	Pooree	10 0*z*8	10 8	17 1	...	...	...	20 0	21 0	21 0	24 0	24 0	23 10	...	...	...	...	...	...
	Balasore	16 0*z*9	16 0	16 0	...	...	...	26 0	26 0	31 0	32 0	32 0	32 0	...	...	...	...	...	...
	Chota Nagpore—South-Western Frontier Agency.																		
	Hazáribágh	12 0*z*10	15 0	18 0	...	...	24 0	10 0	11 0	12 0	18 0	19 0	18 0	...	...	...	...	...	...
	Lohardugga	16 0	17 0	18 0	24 0	24 0	...	20 0	21 0	20 0	22 0	24 0	22 0	...	...	...	...	...	...
	Singbhoom	20 0	20 0	24 0	28 0	28 0	40 0	32 0	36 0	32 0	36 0	40 0	36 0	...	...	...	...	...	...
	Manbhoom	13 0*z*11	13 0	15 0	...	...	40 0	18 0	19 0	18 0	30 0	31 0	30 0	...	...	40 0	...	...	...

f In the sub-divisions retail prices of salt are as follow :—Baraset and Bussirhat 13 seers, Diamond Harbour and Barripore 10-8 seers, Barrackpore 12-12 seers, and Dum-Dum 1[illegible] seers.
g In the sub-divisions retail prices of salt are as follow :—Kooshtea 13 seers, Meherpore 10 seers, Chooadanga 12 seers, Ranaghat 12-14 seers, and Bongong 13 seers.
h In the sub-divisions retail prices of salt are as follow :—Bagirhat 11 seers and Satkhira 10-10 seers.
i In the sub-divisions retail price of salt is 12 seers.
j In the sub-divisions retail prices of salt are as follow :—Lalbagh 10 seers, Jungypore 11-6 seers, and Kandi 11-8 seers.
k Retail prices of salt at Raigunge 11-8 seers and at Nitpore 12 seers.
l In Nattore retail price of salt is 12 seers.
m In the sub-divisions retail price of salt is 12 seers.
n In Serajgunge retail price of salt is 12-4 seers.
o Retail prices of salt at Kurseong 8 seers and Silligori 10 seers.
p Retail price of salt at Fallacotta in Alipore sub-division is 10-8 seers.
q In the sub-divisions retail prices of salt are as follow:—Manickgunge 12 seers, Moonsheegunge 10-10½ seers, and Naraingunge 12 seers.
r In the sub-divisions retail prices of salt are as follow :—Goalundo 12 seers, Madaripore 13 seers, Bhanga [illegible] seers, and Gopalgunge 12 seers.
s In the sub-divisions retail prices of salt are as follow :—Patuakhali 10-10 seers, Perozepore 11 seers, and Bhola 10 seers.
t Retail prices of salt at Kishoregunge 12-5 seers, Attea 12 seers, Jamalpore 11 seers, and Netrokona 12-5 seers.
u In the sub-divisions retail prices of salt are as follow :—Brahmunberia 11 seers and Chandpore 12 seers.

INDIA FOR THE 2nd HALF OF JULY 1882—*continued.*

IN SEERS OF 80 TOLAHS.

Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Naglee), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt. Wholesale prices per maund of 40 seers.			Salt. Retail.			Districts.	Provinces.
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	S. Ch.	S. Ch.	S. Ch.		
															Central Districts.	
...	...	...	21 5	21 5	24 8	90 0	90 0	90 0	2 10 0	2 10 0	...	14 9	14 9	10 0	Calcutta	Bengal—*continued.*
...	...	...	17 8	18 0	22 12	90 0	90 0	100 0	3 0 0	3 0 0	4 0 0	13 5	13 5	10 0	24-Pergunnahs	
...	...	...	22 15	21 5¼	29 0	...	...	...	3 0 0	2 14 1	...	11 10¼	12 13¾	10 0	Nuddea	
...	...	...	12 0	12 0	10 0	160 0	160 0	160 0	3 2 0	3 2 0	4 0 0	11 0	11 0	8 0	Khoolna	
...	...	...	16 0	18 0	25 0	120 0	120 0	110 0	3 2 0	3 2 0	...	12 8	12 8	8 0	Jessore	
...	...	...	22 0	25 0	34 0	120 0	120 0	120 0	3 4 0	3 4 0	...	12 8	12 8	9 0 to 10 0	Moorshedabad	
...	...	...	20 0	20 0	20 0	180 0	160 0	180 0	3 4 0	3 4 0	...	12 8	12 0	8 12	Dinagepore	
...	...	...	19 4 to 21 0	22 8 to 24 6	26 4 to 30 0	240 0	240 0	250 0	3 5 3	3 5 3	...	12 0	12 0	9 3	Rajshahye	
...	...	...	15 0	15 0	12 0	130 0	135 0	120 0	3 5 3	3 5 3	...	11 8	11 8	8 12	Rungpore	
...	...	...	15 12	16 8	17 4	67 8	67 8	67 8	3 5 4	3 5 4	...	10 8	10 8	8 10	Bogra	
...	...	...	20 0	18 12	20 0	200 0	200 0	200 0	3 3 6	3 1 6	4 6 0	12 0	12 12	9 8	Pubna	
8 0	9 0	9 0	9 0	8 0	8 0	160 0	160 0	160 0	4 8 0	4 8 0	6 0 0	8 0	8 0	5 0	Darjeeling	
...	...	...	16 0	16 0	12 12	128 0	128 0	64 0	3 4 0	3 4 0	...	11 0	11 0	8 0	Jalpáiguri	
															Eastern Districts.	
...	...	...	20 0	21 0	20 0	106 8	106 0	106 0	3 3 0	2 15 0	4 0 0	12 4	13 5	10 0	Dacca	
...	...	...	12 0	12 0	12 0	...	...	...	2 13 9	3 5 4	...	11 0	11 0	9 12	Furreedpore	
...	...	...	18 0	18 0	17 0	100 0	100 0	100 0	3 11 0	3 11 0	...	10 9	10 9	8 8	Backergunge	
...	...	...	16 0	16 0	17 8	...	...	...	3 4 0	3 4 0	...	12 8	12 8	9 4	Mymensingh	
...	...	...	18 0	18 0	16 0	...	...	...	3 4 0	3 4 0	...	12 8	12 8	9 8	Tipperah	
...	...	...	16 0	16 0	16 0	80 0	80 0	80 0	2 14 0	2 14 0	5 4 0	13 0	13 0	7 0	Chittagong	
...	...	...	14 0	14 0	18 0	...	...	...	3 2 0	3 2 0	...	11 0	11 0	7 0	Noakholly	
...	...	...	...	...	...	320 0	320 0	320 0	3 4 0	3 8 0	...	10 9	10 9	6 6	Chittagong Hill Tracts	
...	...	...	14 0	14 0	10 0	...	...	...	3 6 0	3 6 0	...	10 0	10 0	8 0	Hill Tipperah	
															Behar.	
...	...	...	30 0	30 0	35 0	130 0	130 0	120 0	3 0 0	3 2 0	...	10 8	10 9	...	Patna	
...	...	...	25 0	26 0	32 0	180 0	180 0	160 0	3 6 0	3 4 0	...	12 8	11 8	9 0	Gya	
...	...	...	28 0 to 29 0	29 0 to 30 0	31 0 to 32 0	120 0	120 0	120 0	3 1 0	3 0 0	...	12 8	13 0	9 8	Shahabad	
35 0	35 0	35 0	22 0	21 0	25 0	160 0	160 0	180 0	3 4 6	3 4 6	...	10 4	11 0	9 0	Durbhunga	
...	...	...	23 0	25 0	33 0	140 0	140 0	140 0	3 4 0	3 4 0	...	12 0	12 0	8 8	Mozufferpore	
31 0	30 0	32 0	27 0	27 0	30 0	160 0	160 0	160 0	3 6 0	3 6 0	...	11 0	11 0	8 8	Sarun	
...	...	...	28 0	28 0	35 0	...	...	...	3 8 0	3 8 0	...	11 0	10 8	8 8	Chumparun	
...	...	...	26 4	30 6	33 9	126 0	126 0	126 0	3 1 0	3 1 0	...	12 10	12 10	8 6	Monghyr	
...	...	...	25 14	28 6	31 9	126 4	126 4	126 4	2-15-11½	3 0 6	...	12 10	12 10	9 6	Bhágalpur	
...	...	...	22 0	23 0	23 0	160 0	160 0	120 0	3 8 0	3 8 0	...	10 0	10 0	8 0	Purneah	
...	...	...	22 0	25 0	28 0	200 0	160 0	120 0	3 2 0	3 2 0	...	12 0	12 0	9 0	Maldah	
...	...	...	20 0	20 0	24 0	200 0	200 0	200 0	3 12 0	3 12 0	...	10 8	10 8	8 0	Sonthal Pergunnahs	
															Orissa.	
17 1	13 2	18 6	21 0	21 0	26 4	160 0	160 0	160 0	3 0 0	3 0 0	3 8 0	13 0	13 0	11 0	Cuttack	
...	...	...	14 0	15 0	19 10	100 0	100 0	100 0	2 12 0	2 12 0	...	14 8	14 8	9 3	Pooree	
...	...	...	13 0	16 0	16 0	140 0	160 0	120 0	3 2 0	3 2 0	4 7 0	13 0	13 0	9 0	Balasore	
															Chota Nagpore—South-Western Frontier Agency.	
32 0	36 0	33 0	18 0	19 0	24 0	200 0	180 0	200 0	3 11 3	3 11 3	...	10 10	10 0	8 0	Hazáribágh	
32 0	38 0	48 0	15 0	18 0	18 0	120 0	120 0	140 0	4 4 0	4 0 0	...	9 0	9 0	6 8	Lohardugga	
...	...	...	24 0	24 0	24 0	180 0	180 0	160 0	4 7 0	4 7 0	...	8 0	8 0	7 0	Singbhoom	
...	...	64 0	17 0	17 0	21 0	120 0	120 0	120 0	3 12 0	3 12 0	...	11 0	11 0	8 8	Manbhoom	

v Retail prices of salt at Hathazaree 12 seers, Kumeriah 9 seers, and Cox's Bazar 10 seers.
w In the interior retail prices of salt range from 8 to 11 seers.
x In the sub-divisions retail prices of salt are as follow:—Jehanabad 12 seers, Nowada 10 seers, and Aurungabad 11-8 seers.
y In the sub-divisions retail prices of salt are as follow:—Sasseram 11-8 seers, Buxar 11-8 seers, and Bhabuah 10-8 seers.
z Retail prices of salt in Madhoobani and Tajpore sub-divisions 11-8 seers.
z1 In the interior retail prices of salt range from 10 to 13 seers.
z2 In the sub-divisions wholesale prices of salt are as follow:—Sewan Rs. 3-8 per maund and Gopalgunge Rs. 3-4.
z3 In the interior retail prices of salt range from 10-4 to 12-8 seers.
z4 In the sub-divisions retail prices of salt are as follow:—Begusarai 11-8 seers and Jamui 12-5 seers.
z5 In the sub-divisions retail prices of salt are as follow:—Banka 11 seers, Mudehpoora 10 seers, and Soopole 11 seers.
z6 Retail prices of salt at Othree 10 seers, Kusba 11-8 seers, Kissengunge 8 seers, and Ranigunge in Arrareah sub-division 9 seers.
z7 Retail prices of salt at Godda 11 seers and at Sarowni 10 seers.
z8 Retail price of salt at Khurda 13 seers.
z9 Retail price of salt at Bhadruk 11 seers.
z10 Retail price of salt at Chatra 10 seers.
z11 Retail prices of salt at Raghunathpore 12 seers, Jhalda 10 seers, and Govindpore 12 seers.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPEE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Assam.	Sylhet	10 8	11 12	13 0	...	...	...	17 0	17 0	16 0	35 0	35 0	31 8	...	...	...	...	...	...
	Cachar	9 2	10 10	11 13	16 0	16 0	16 0	20 0	17 12	20 0	22 12	21 5	24 10	...	...	...	...	...	...
	Goálpárá	22 0	22 0	26 11	...	...	...	14 0	13 0	17 12	17 0	18 0	18 0	...	...	...	...	...	...
	Gáro Hills	4 0	4 0	4 0	...	...	...	5 0	5 0	5 0	16 0	16 0	22 0	...	...	...	...	...	...
	Kámrúp	16 0	16 0	14 0	...	...	...	12 8	13 0	12 0	18 0	18 0	15 0	...	...	...	...	...	...
	Darrang	...	...	...	...	...	...	8 0	10 0	8 0	16 0	16 0	16 0	...	...	...	...	...	...
	Nowgong	...	...	...	...	...	...	13 8	13 8	10 0	16 0	16 0	16 0	...	...	...	...	...	...
	Sibságar	...	...	...	...	...	...	6 8	6 8	6 8	16 0	16 0	14 0	...	...	...	...	...	...
	Lakhimpur	8 0	8 0	9 0	10 0	10 0	10 0	8 0	8 0	8 0	16 0	16 0	16 0	...	...	...	...	...	...
	Khásí & Jaintiá Hills	8 0	...	10 0	...	...	...	10 0	11 0	8 0	11 0	12 0	9 0	...	...	...	...	...	...
	Nága Hills	...	...	...	...	...	...	5 0	5 0	4 0	8 0	8 0	...	...	...	...	...	...	...
N. W. Provinces.	Dehra Dún	18 0	18 0	17 8	29 0	29 0	28 0	11 0	11 0	10 0	12 8	12 8	10 8	22 0	22 0	15 0	18 0	18 0	16 0
	Saháranpur	19 5½	19 5½	19 6	27 15	27 15	28 0	9 11	9 11	7 9	12 14½	12 14	11 14	26 14	23 10½	19 6	21 8	21 8	19 6
	Muzaffarnagar	18 11	18 4	20 4	29 11	29 11	33 0	6 9	6 9	6 9	14 5	14 5	12 10	27 8	26 6	18 11	22 0	22 0	17 10
	Meerut	17 8	17 0	20 0	25 0	24 0	27 8	6 0	6 0	5 8	15 0	15 0	13 0	26 0	24 0	19 0	21 0	21 0	19 0
	Bulandshahr	19 0	19 8	20 12	24 0	24 0	28 0	6 0	6 0	6 0	10 0	10 0	10 8	24 0	24 0	22 0	22 0	20 0	20 0
	Aligarh	17 4	17 4	18 8	23 0	23 0	24 8	6 0	6 0	6 0	13 0	13 0	14 8	25 0	25 0	19 8	16 8	16 8	18 8
	Kumaun	16 0	16 0	14 0	17 0	17 0	16 0	10 0	10 0	8 0	13 0	13 0	11 0	...	...	...	...	...	...
	Garhwál	23 8	23 8	17 8	25 0	25 0	20 0	9 0	9 0	7 0	15 0	15 0	10 10	...*	...*	...*	...	...	...
	Bijnor	16 14	16 9	19 11	25 10	25 2	26 7	10 2	10 11	10 2	12 6	11 13	11 4	22 8	21 6	15 12	19 11	18 9	16 5
	Moradabad	18 12	18 2	20 5	23 12	23 12	27 8	9 6	9 6	7 13	13 2	13 12	13 2	24 6	23 12	20 0	20 0	19 6	17 8
	Budaun	17 8½	17 11	20 6	22 12½	22 0½	27 0	9 9½	9 9½	6 0	13 12½	14 11	13 12½	20 6	18 0	12 0	20 6	18 0	9 9½
	Bareilly	16 14	16 14	19 6	21 4	21 4	26 4	7 8	8 2	7 8	13 12	14 6	13 12	21 4	21 4	20 0	20 0	21 4	18 12
	Sháhjahánpur	18 6	18 4	20 12	24 4	24 4	28 8	9 4	9 4	8 0	14 8	16 8	14 8	...	...	...	...	...	...
	Taráí Pergunnahs	20 0	20 0	19 0	30 0	30 0	32 0	7 8	7 8	10 0	14 0	13 0	14 0	20 0	17 8	12 0	20 0	17 8	12 0
	Muttra	17 0	17 0	19 0	22 0	21 8	23 0	...	...	8 0	14 0	14 0	14 0	25 0	22 0	16 0	20 0	18 0	20 0
	Agra	17 0	17 0	17 8	21 0	23 0	22 8	6 8	6 8	6 0	14 0	14 0	13 8	22 0	23 0	21 0	20 0	20 0	20 0
	Farukhabad	17 11½	17 4	18 14	22 0½	21 3	25 13½	7 0	7 3	6 2	13 7	14 0½	14 5	22 2	22 2	18 4	20 12½	20 12	20 12½
	Mainpuri	18 8	18 0	18 4	24 8	23 0	23 0	4 0	5 0	4 0	12 0	14 0	12 8	...	...	...	...	...	...
	Etáwah	17 0	17 0	17 14	23 0	22 8	22 10	6 0	6 0	6 0	14 8	14 8	14 8	25 0	22 0	17 5	16 0	16 0	16 0
	Etah	18 8	19 8	20 0	22 8	24 0	26 0	8 0	8 0	8 0	13 0	12 0	12 0	20 0	16 4	...	19 0	18 0	...
	Jalaun	20 0	20 0	20 0	20 0	20 0	22 0	10 0	10 0	8 0	12 0	12 0	12 0	28 0	28 0	24 0	22 0	22 0	20 0
	Jhánsi	22 0	20 13½	22 0	32 2	32 0	30 0	8 8	8 8	7 8	15 0	15 0	13 0	27 0	27 0	25 3	...	...	...
	Lalitpur	22 0	21 8	27 8	37 0	37 0	35 0	10 0	10 0	9 0	12 0	12 0	12 0	32 0	31 0	33 0	26 0	26 0	26 0
	Cawnpore	17 8	17 4	20 0	26 0	25 0	25 12	11 0	11 0	10 8	15 0	15 0	15 0	25 8	23 8	23 0	25 8	23 8	26 0
	Fatehpur	16 12	16 12	17 4	24 0	23 4	21 12	11 4	11 4	10 10	15 8	16 0	13 14	...	...	...	...	...	...
	Bánda	18 0	18 0	16 8	25 0	25 0	17 0	9 0	9 0	10 0	13 8	13 4	13 8	33 0	32 0	20 0	30 0	...	19 0
	Allahabad	17 8	16 12	17 6	25 8	24 8	23 4	11 8	11 8	11 0	17 0	17 0	16 0	29 0	27 8	25 0	28 12	26 8	24 0
	Hamírpur	16 0	16 0	15 8	20 0	22 8	19 11	9 0	10 12	12 6	...	...	15 12	25 0	25 4	19 11	24 0	23 12	18 0
	Jaunpur	18 10	18 0	20 7	30 11	29 10	31 1	7 1	7 1	7 12	15 8	15 8	16 15	...	...	...	22 9	19 12	16 15
	Gorakhpur	16 3	18 0	19 12¾	22 8	28 13	43 3	12 9½	14 6½	14 6½	16 3	18 0	20 13¼	...	...	39 9½	...	...	28 12½
	Basti	15 8	17 0	21 4	38 0	39 0	40 0	12 0	15 0	13 0	14 0	16 0	20 0	...	...	...	...	...	...
	Azamgarh	18 7	18 7	19 3	27 5	28 0	29 8	8 14	8 14	8 2	17 11	17 11	17 0	...	...	...	20 10	20 10	...
	Mirzapur	17 0	16 8	18 0	22 0	23 0	26 0	10 0	10 0	10 0	18 0	16 0	17 0	27 0	27 0	27 0	26 0	26 0	26 0
	Benares	15 11½	15 11½	18 2	24 15	24 6	24 6	11 15	12 7	12 12	16 8	16 13	21 2	26 8½	28 3	24 15	27 10	28 11½	29 4
	Gházipur	18 0	18 0	19 5	25 12	25 12	28 15	10 15½	10 15½	10 15	19 15½	19 15½	18 10	30 14½	30 14½	36 5	20 9½	20 9½	27 1
	Balia	15 0	15 12	20 0	25 0	26 4	35 0	10 0	10 0	10 0	15 0	17 8	22 8	...	...	...	...	...	...
	Pilibhít	18 6	18 1	20 2	28 4	28 6	30 1	15 0	15 0	15 0	16 4	16 4	16 2	16 4	18 12	...	...	...	...
Oudh.	Lucknow	16 8	16 6½	19 8½	23 6½	23 9½	26 0	6 0	6 0	6 0	14 0	13 14	14 0	22 4	22 7½	24 6	22 0	22 0	23 8
	Unáo	18 0	18 0	19 8	25 0	25 0	24 0	13 8	10 0	7 0	15 0	15 0	13 0	...	...	28 0	...	...	22 0
	Bára Banki	17 0	16 12	19 4	24 0	24 0	26 0	10 0	10 0	9 0	14 0	14 0	14 0	29 0	28 0	29 0	19 0	20 0	20 0
	Sitapur	19 4	19 4	23 0	26 14	27 6	29 13	8 0	8 0	8 8	17 6	17 0	15 3	20 12	20 0	16 0	19 12	19 0	22 0
	Bardui	15 15	15 15	20 5	23 0	22 8	33 12	5 10	5 10	5 10	11 4	11 4	13 2	...	21 9	...	...	22 8	...
	Kheri	19 4	19 0	24 0	27 0	28 0	34 0	7 0	7 0	9 0	15 0	15 0	14 0	31 0	30 0	...	...	...	...
	Fyzabad	16 4	16 0	18 0	26 0	25 0	27 0	10 0	10 0	9 8	16 0	16 8	14 0	29 8	...	31 0	...	...	...
	Bharaich	16 0	16 0	19 0	34 0	35 0	38 0	9 0	9 0	9 0	18 0	17 0	16 0	30 0	30 0	38 0	13 0	13 0	16 0
	Gonda	19 0	19 6	23 2	31 8	30 14	38 0	15 8	15 0	16 0	17 8	17 6	18 6	36 0	36 10	40 0	24 0	24 4	24 0
	Rai Bareli	19 4	18 12	17 12	24 8	23 8	20 0	...	...	...	16 8	16 0	12 8	24 0	24 0	...	18 0	18 0	...
	Sultánpur	19 4	19 8	20 0	29 0	29 0	26 8	11 0	11 0	11 0	17 0	18 0	16 0	...	...	...	22 0	18 0	16 0
	Partábgarh	19 6	19 2	19 14	28 13	28 10	26 12	16 6	16 9	13 13	17 9	18 4	15 5	...	...	...	...	...	...
Punjab.	Delhi	18 4	17 12	18 12	24 4	23 0	26 0	...	...	...	14 0	14 0	13 0	24 8	24 0	21 12	20 8	19 0	18 8
	Gurgáon	18 8	18 8	19 8	23 12	23 8	25 8	...	...	...	13 0	13 0	13 0	22 8	22 0	18 0	20 0	20 0	21 0
	Karnál	19 0	18 8	18 8	31 0	30 0	29 0	...	...	...	12 0	12 0	12 0	27 0	26 0	24 0	16 0	16 0	20 0
	Hissar	18 0	17 0	17 0	32 0	30 0	24 0	...	...	...	10 0	10 0	10 0	30 0	28 0	22 0	21 0	26 0	21 0
	Rohtak [a]	18 4	18 8	18 8	25 0	25 0	23 0	...	...	...	9 0	9 0	11 0	25 0	25 0	22 8	22 0	24 0	17 0
	Sirsa	21 8	21 4	16 8	38 8	38 0	23 8	...	...	...	14 0	13 0	11 8	40 0	38 0	22 0	31 0	30 0	20 0
	Umballa	22 0	21 8	18 8	30 0	29 0	24 0	...	...	...	11 8	11 8	11 8	28 0	28 0	16 0	26 0	26 0	19 0
	Ludhiána [b]	23 0	24 0	19 0	33 0	33 0	27 0	...	...	...	12 0	12 0	12 0	35 0	37 0	22 0	25 0	30 0	19 0
	Simla	14 8	14 8	13 8	...	...	...	...	...	...	12 0	12 0	11 0	...	...	...	...	...	...
	Jullundur	24 0	24 8	19 8	36 0	36 0	28 0	...	...	...	8 0	8 0	8 0	34 0	33 0	26 0	23 0	20 0	16 0
	Hoshiárpur	24 8	25 0	20 0	34 0	35 0	28 0	...	...	...	10 0	11 0	10 0	29 0	27 0	18 0	17 0	17 0	12 0
	Kangra	24 0	24 0	20 0	38 0	38 0	30 0	...	...	...	15 0	15 0	13 0	...	...	...	...	...	...

* Mandwa: Present 30 seers, past 30 seers, corresponding 23 seers and 8 chittaks.

[a] Price of Salt has risen.

[b] Price of bajra has fallen.

INDIA FOR THE 2nd HALF OF JULY 1882—*continued.*

IN SEERS OF 80 TOLAHS.

Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.			Districts.	Provinces.
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
S. Ch.	S. Ch	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A.	Rs. A.	Rs. A.	S. Ch.	S. Ch.	S. Ch.		
									per maund.							
...	...	...	16 8	16 0	15 0	108 0	108 0	108 0	3 6	3 6	...	11 12	11 12	8 12	Sylhet	Assam.
...	...	...	16 0	12 13	16 0	80 0	80 0	80 0	3 10	3 8	...	10 10	10 10	8 6	Cachar	
...	...	...	14 0	12 0	14 8	120 0	120 0	120 0	3 4	3 4	...	12 0	12 0	8 14	Goálpárá	
...	...	...	8 0	8 0	6 8	160 0	160 0	160 0	5 6	5 6	...	6 6	6 6	5 5	Gáro Hills	
...	...	...	13 4	13 0	10 0	160 0	160 0	200 0	3 8	3 2	...	11 8	12 0	8 0	Kámrúp	
...	...	...	8 13	8 12	7 8	160 0	160 0	160 0	4 8	4 8	...	8 0	8 0	6 8	Darrang	
...	...	...	8 0	8 0	8 0	120 0	120 0	100 0	3 12	3 12	...	9 0	9 0	8 0	Nowgong	
...	...	...	10 0	10 0	10 0	80 0	80 0	120 0	4 4	4 8	...	8 8	8 8	6 8	Sibságar	
...	...	...	12 0	12 0	12 0	120 0	120 0	80 0	5 0	5 0	...	8 0	8 0	6 8	Lakhimpur	
...	...	...	10 0	10 0	...	...	...	...	5 0	5 0	...	8 0	8 0	5 5	Khási & Jaintiá Hills	
...	...	...	2 0	2 0	3 0	120 0	120 0	120 0	13 0	13 0	...	3 0	3 0	2 8	Nága Hills	
									S. Ch.	S. Ch.	S. Ch.					
...	...	...	19 8	19 8	17 8	160 0	160 0	160 0	11 8	11 8	10 0	10 8	10 8	9 0	Dehra Dún	N. W. Provinces.
...	...	...	24 11½	23 10½	20 8	150 8	150 8	150 8	12 1	12 1	9 11	11 13	11 13	9 11	Saháranpur	
...	...	...	23 10	23 2	22 0	132 0	132 0	132 0	11 10	11 10	10 2	11 4	11 4	...	Muzaffarnagar	
...	...	...	21 8	21 0	20 8	110 0	110 0	115 0	12 0	12 0	10 0	11 8	11 8	9 8	Meerut	
...	...	...	22 0	22 0	22 8	140 0	130 0	140 0	10 0	10 8	10 0	...	...	...	Bulandshahr	
...	...	...	21 8	21 8	21 0	130 0	130 0	120 0	12 0	12 0	...	11 8	11 8	...	Aligarh	
...	...	...	11 8	11 8	12 8	200 0	200 0	200 0	7 0	7 0	7 0	6 0	6 0	6 0	Kumaun	
...	...	...	9 0	9 0	9 0	200 0	200 0	240 0	7 8	7 8	7 8	7 0	7 0	7 0	Garhwál	
...	...	...	20 13	20 9	21 15	135 0	135 0	135 8	...	...	...	10 4	10 7	9 9	Bijnor	
...	...	...	21 4	20 10	20 0	137 8	137 8	125 0	12 0	12 0	...	11 14	11 14	10 10	Moradabad	
...	...	...	19 3	19 3	22 3	192 0	192 0	170 0	10 15	10 15	9 0	10 3	10 3	10 3	Budaun	
...	...	...	19 6	20 0	19 6	125 0	125 0	125 0	11 14	11 14	...	11 4	11 4	9 11	Bareilly	
...	...	...	20 12	20 12	22 0	160 0	160 0	160 0	12 6	12 4	10 4	10 8	10 8	10 0	Sháhjáhánpur	
...	...	...	17 8	17 8	17 0	120 0	120 0	120 0	11 4	11 4	...	11 0	11 0	9 4	Taráí Pergunnahs	
...	...	...	22 0	22 0	19 8	100 0	120 0	130 0	14 0	14 0	...	12 0	12 0	10 0	Muttra	
...	...	...	21 0	22 0	20 8	100 0	100 0	80 0	12 8	12 8	11 8	12 0	12 0	10 8	Agra	
...	...	...	21 9½	21 2½	21 1	156 8	156 8	156 12	12 4	11 9	9 11	11 9	10 14	9 11	Farukhabad	
...	...	...	22 0	20 8	19 4	160 0	160 0	160 0	12 0	11 0	...	11 0	10 8	...	Mainpuri	
...	...	...	23 8	22 8	21 10	100 0	100 0	120 0	10 8	10 8	10 8	10 0	10 0	10 0	Etáwah	
...	...	...	20 8	21 0	20 8	160 0	140 0	140 0	12 8	12 8	10 8	11 0	11 8	...	Etah	
...	...	...	28 0	28 0	22 0	140 0	140 0	120 0	12 0	12 0	...	11 0	11 0	9 8	Jalaun	
...	...	...	26 6	25 9	26 4	200 0	200 0	200 0	11 8	11 8	9 0	10 8	10 8	8 8	Jhánsi	
...	...	...	33 0	33 0	35 0	140 0	140 0	120 0	11 0	11 0	...	10 4	10 4	8 12	Lalitpur	
...	...	...	23 12	23 12	22 12	140 0	140 0	160 0	12 8	12 0	...	12 0	12 6	10 8	Cawnpore	
...	...	...	24 6	24 2	20 4	200 0	200 0	200 0	10 2	9 14	...	9 14	9 10	9 4	Fatehpur	
...	...	...	32 0	31 0	20 8	160 0	160 0	200 0	12 4	11 12	...	12 0	11 8	9 8	Bánda	
...	...	...	24 8	23 4	23 4	140 0	130 0	160 0	11 8	11 12	...	10 12	11 0	...	Allahabad	
...	...	...	26 0	26 8	18 11	140 0	140 0	140 0	11 13	11 4	9 8	10 0	10 10	...	Hamírpur	
...	...	...	24 11	23 4	26 13	169 8	169 8	141 4	9 11	9 11	...	9 9	9 9	8 15	Jaunpur	
...	...	...	21 9½	27 0	36 0	160 0	160 0	120 0	10 6½	11 3	...	10 6½	10 6½	8 6½	Gorakhpur	
...	...	...	26 0	26 0	31 0	130 0	140 0	140 0	9 8	8 8	7 0	8 8	8 0	7 8	Basti	
...	...	...	23 10	24 6	26 9	147 8	147 8	147 8	10 10	9 3	7 14	10 0	8 8	8 2	Azamgarh	
...	...	...	22 0	22 0	23 0	100 0	100 0	100 0	10 0	10 0	9 0	9 0	9 0	8 0	Mirzapur	
...	...	...	22 4	23 5	23 14	120 0	140 0	120 0	11 4	11 4	...	10 2	10 2	8 2½	Benares	
...	...	...	26 6½	26 6½	27 11	130 0	130 0	167 6	9 10½	9 10½	9 11	9 0	9 0	8 10	Gházipur	
...	...	...	25 0	28 12	32 8	100 0	100 0	120 0	10 0	10 0½	9 5	10 4	10 4	...	Balia	
...	...	...	18 8	17 5	20 8	150 0	150 0	150 0	12 12	12 12	12 0	11 12	11 12	11 12	Pilibhít	
...	...	...	20 11	20 11½	20 11½	115 0	115 0	140 0	10 0	10 0	9 0	9 8	9 8	8 8	Lucknow	Oudh.
...	...	...	25 0	22 8	20 0	160 0	160 0	160 0	...	...	...	11 0	11 0	9 0	Unáo	
...	...	...	22 0	22 0	23 0	130 0	130 0	130 0	12 0	12 0	10 0	10 0	10 0	9 0	Bára Banki	
...	...	...	21 0	21 0	25 9½	160 0	160 0	160 0	12 0	12 0	...	10 9½	10 8	9 0	Sitapur	
...	...	...	17 13	17 13	23 7	240 0	240 0	240 0	9 6	9 6	8 7	7 8	7 8	8 8	Hardui	
...	...	...	19 0	18 8	25 0	160 0	160 0	200 0	11 4	11 4	11 0	10 0	10 0	10 0	Kheri	
...	...	...	23 0	22 8	24 0	140 0	140 0	120 0	11 0	11 0	8 8	10 0	10 0	8 12	Fyzabad	
...	...	...	26 0	27 0	24 0	160 0	160 0	160 0	...	...	...	9 0	9 0	8 0	Bharaich	
...	...	...	27 8	28 0	29 0	240 0	240 0	200 0	11 8	11 8	...	11 4	11 4	9 6	Gonda	
...	...	...	20 4	19 0	17 12	160 0	160 0	175 0	...	...	...	9 0	9 0	8 0	Rai Bareli	
...	...	...	26 0	26 0	23 0	160 0	160 0	160 0	11 8	12 0	9 8	11 0	11 12	9 0	Sultánpur	
...	...	...	23 0	22 12	21 4	200 0	200 0	200 0	11 0	11 0	10 0	10 10	10 7	8 11	Partábgarh	
...	...	...	22 8	21 12	20 4	85 0	85 0	80 0	12 8	12 8	...	11 8	11 8	11 8	Delhi	Punjab.
...	...	...	21 2	21 0	20 4	130 0	130 0	120 0	12 0	12 0	...	12 0	12 0	10 0	Gurgáon	
...	...	...	24 8	22 0	23 8	160 0	160 0	160 0	11 0	11 0	...	10 12	10 12	10 8	Karnál	
...	...	...	28 0	27 0	24 0	80 0	80 0	100 0	10 8	11 0	...	10 0	10 0	10 0	Hissar	
...	...	...	24 12	24 0	23 0	100 0	100 0	100 0	7 2	10 10	...	6 8	10 9	10 8	Rohtak	
...	...	...	37 0	35 0	25 8	120 0	120 0	120 0	11 8	11 0	...	11 0	10 8	9 0	Sirsa	
...	...	...	25 12	25 8	21 12	160 0	160 0	160 0	13 10	13 12	...	13 8	13 8	11 8	Umballa	
...	...	...	28 0	28 8	24 0	100 0	100 0	100 0	14 14	14 14	...	14 4	14 8	11 8	Ludhiána	
...	...	...	16 0	16 0	...	80 0	80 0	80 0	10 0	10 1	...	9 7	9 7	8 8	Simla	
...	...	...	28 0	28 0	21 4	100 0	100 0	100 0	14 0	14 0	...	13 8	13 8	11 4	Jullundur	
...	...	...	28 0	27 0	21 0	100 0	100 0	120 0	14 0	14 12	...	13 12	13 8	11 3	Hoshiarpur	
...	...	...	20 0	20 0	15 0	140 0	140 0	160 0	10 8	11 0	...	10 0	10 8	9 0	Kangra	

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPEE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Punjab—*continued.*	Amritsar	25 0	25 0	19 0	39 0	39 0	26 8	...	...	...	12 0	12 0	11 0	27 8	26 8	22 8	23 8	23 8	16 8
	Siálkot	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gurdáspur [a]	30 0	30 0	22 0	40 0	40 0	28 0	...	...	...	16 0	16 0	12 0	22 0	28 0	16 0	14 0	14 0	13 0
	Lahore	23 8	23 0	18 0	37 0	37 0	25 0	...	...	...	11 0	11 0	9 0	23 0	23 0	15 8	22 0	22 0	13 0
	Ferozepore [b]	22 0	22 0	18 0	36 0	37 0	28 0	...	...	...	11 0	11 0	11 0	36 0	30 0	14 0	...	...	...
	Gujránwála	24 4	24 4	18 4	36 0	37 0	29 0	...	...	...	13 0	13 0	11 0	22 0	22 0	16 0	20 0	20 0	14 0
	Ráwalpindi	20 8	20 4	13 0	29 8	29 0	21 0	...	...	...	8 4	8 4	6 8	22 0	19 0	13 0	24 0	24 0	13 0
	Jhelum	24 0	23 8	15 8	31 0	31 0	21 12	...	...	...	10 0	10 0	8 0	25 0	23 0	15 0	24 0	21 0	15 0
	Gujrát	26 8	27 4	19 0	39 8	40 8	28 0	...	...	...	12 0	12 0	8 0	22 8	21 0	17 0	28 0	28 0	16 0
	Shahpúr	20 0	20 0	16 8	32 0	32 0	25 0	...	...	...	13 0	13 0	10 0	19 0	19 0	13 0	19 0	19 0	13 0
	Mooltan	17 0	16 12	14 0	26 0	26 0	20 0	...	...	...	10 0	10 0	8 0	25 0	25 0	16 0	25 0	24 0	10 0
	Jhang	19 8	19 8	15 0	30 0	30 0	22 8	...	...	...	12 0	12 0	8 0	16 0	16 0	12 0	16 0	16 0	16 0
	Montgomery	20 0	20 0	17 0	24 0	24 0	20 0	...	...	...	5 8	5 8	5 8	20 0	20 0	12 0	16 0	...	...
	Muzaffargarh	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Dera Ismail Khán	18 2	17 14	16 8	26 14	26 9	25 2	...	...	...	8 12	8 12	7 8	25 5	27 8	16 4	21 9	23 12	16 4
	Dera Gházi Khán [c]	17 8	19 2	15 5	20 0	23 7	20 0	...	...	...	7 8	7 8	7 8	15 0	21 4	15 0	17 8	20 0	15 0
	Bannu	31 14	29 1	18 7	46 4	45 0	31 14	...	...	...	8 12	8 12	6 4	27 8	27 8	17 8	28 12	27 8	15 0
	Peshawar	19 0	18 0	10 6	35 12	34 0	20 12	...	...	...	9 8	9 8	6 5	27 4	27 12	15 12	12 10	12 10	9 8
	Kohát	15 15	14 15	11 10	30 9	29 4	22 15	...	...	...	12 12	12 2	7 10	21 10	21 10	15 5	19 2	20 6	...
	Házára	...	...	...	40 0	33 8	25 0	...	...	...	...	12 8	10 0	...	...	...	...	...	...
Central Provinces.	Nágpur	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bhandára																		
	Cháuda																		
	Wardha																		
	Bálaghát																		
	Jubbulpore																		
	Saugor																		
	Damoh																		
	Seoni																		
	Mandla																		
	Betúl																		
	Chhindwára																		
	Hoshangabad																		
	Narsinghpur																		
	Nimár																		
	Raipur																		
	Sambalpur																		
	Biláspur																		
British Burma.	*Arakan Division.*																		
	Akyab	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Northern Arakan																		
	Kyoukpyoo																		
	Sandoway																		
	Pegu Division.																		
	Rangoon town and Hanthawaddy																		
	Tharrawaddy																		
	Prome																		
	Irrawaddy Division.																		
	Henzada																		
	Bassein																		
	Thonegwa																		
	Thayetmyo																		
	Tenasserim Division.																		
	Moulmein town and Amherst																		
	Tavoy																		
	Mergui																		
	Toungoo																		
	Shwaygyin																		
	Salween																		
Hyderabad Assigned Districts.	Secunderabad	16 5	16 5	15 2	...	...	...	6 13	6 13	7 8	9 13	9 13	9 13	23 14	23 14	23 0	...	...	...
	Bolarum	19 7	17 12	16 6	...	...	...	7 6	7 6	8 1	9 0	8 11	9 9	27 0	27 0	24 7	...	...	...
	Chudderghat	14 0	13 8	12 0	...	...	...	7 0	6 8	6 0	8 0	8 8	8 8	26 0	25 0	24 0	33 0	33 0	34 0
	Amráoti	16 0	16 0	21 0	11 8	10 0	10 0	8 0	8 0	6 8	10 0	10 0	8 0	26 0	26 0	40 0	18 0	20 0	26 0
	Akola	16 0	16 0	19 0	...	...	...	8 0	8 0	8 0	10 0	10 0	10 0	30 0	30 0	46 0	24 0	24 0	24 0
	Ellichpur	14 0	14 0	18 0	12 0	12 0	12 0	6 0	6 0	8 0	7 0	8 0	10 0	20 0	21 0	30 0	20 0	20 0	26 0
	Buldána	17 0	19 0	26 0	...	...	...	...	...	...	11 0	11 0	11 0	32 0	32 0	54 0	28 0	28 0	38 0
	Wún	13 0	14 0	17 0	...	...	...	7 0	7 0	7 0	10 8	10 8	10 0	28 0	30 0	36 0	...	...	...
	Básim	20 0	20 8	26 0	...	...	...	5 4	5 0	5 0	11 0	12 0	14 0	34 0	34 0	52 0	...	...	...

[a] Price of jowar has risen. [b] Price of jowar has fallen. [c] Price of barley and jowar has risen.

INDIA FOR THE 2nd HALF OF JULY 1882—*continued.*

IN SEERS OF 80 TOLAHS.

Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Corsaloo, Murhwa, Nugloo), *Panicum Miliaceum*, &c.			Gram.			Firewood.			Salt.						Districts.	Provinces.
									Wholesale.			Retail.				
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
...	...	...	32 12	32 8	22 0	80 0	80 0	80 0	14 12	15 0	...	14 6	14 10	12 0	Amritsar	Punjab—*continued.*
...	...	...	...	...	...	...	...	...	...	...	...	No return received			Siálkot	
...	...	...	32 0	32 0	22 0	120 0	120 0	120 0	13 4	13 4	...	13 0	12 8	10 8	Gurdáspur	
...	...	...	29 0	29 8	19 0	80 0	90 0	80 0	15 0	15 0	...	14 0	14 0	10 0	Lahore	
...	...	...	32 8	32 0	25 0	70 0	70 0	90 0	13 4	13 8	...	13 0	13 8	11 8	Ferozepore	
...	...	...	28 0	28 0	19 4	95 0	95 0	95 0	15 4	15 4	...	15 0	15 0	12 0	Gujránwála	
...	...	...	22 14	22 14	17 0	90 0	90 0	40 0	14 12	14 12	...	14 10	14 10	11 12	Ráwalpindi	
...	...	...	24 0	24 0	16 0	120 0	120 0	90 0	16 8	16 8	...	16 8	16 0	13 0	Jhelum	
...	...	...	26 4	26 4	18 0	100 0	100 0	100 0	...*	...*	...	15 0	15 0	12 0	Gujrát	
...	...	...	24 8	24 0	20 0	320 0	320 0	320 0	17 0	17 0	...	16 0	16 0	14 0	Shahpúr	
...	...	...	23 0	23 0	16 8	90 0	90 0	80 0	15 8	15 8	...	15 0	15 0	12 4	Mooltan	
...	...	...	25 0	24 0	16 0	200 0	200 0	200 0	15 0	15 0	...	14 8	14 12	12 8	Jhang	
...	...	...	26 0	25 0	19 0	200 0	200 0	200 0	12 0	12 0	...	11 0	11 0	10 8	Montgomery	
...	...	...	...	...	...	...	...	...	...	...	...	No return received			Muzaffargarh	
...	...	...	22 11	23 10	24 2	100 0	100 0	100 0	55 0	55 0	...	53 0	53 0	47 8	Dera Ismail Khán	
...	...	...	18 12	20 10	16 14	100 0	100 0	125 0	28 12	28 12	...	25 0	25 0	26 4	Dera Ghází Khán	
...	...	...	28 12	30 10	31 4	80 0	80 0	80 0	120 0	120 0	...	100 0	100 0	80 0	Bannu	
...	...	...	17 3	18 0	12 12	96 0	91 0	66 0	58 8	55 4	...	56 0	53 0	41 4	Pesháwar	
...	...	...	15 15	13 3	16 9	76 8	76 8	63 12	89 4	102 0	...	75 0	88 0	41 0	Kohát	
...	...	...	...	19 0	15 4	140 0	140 0	160 0	...	13 0	...	12 0	12 0	...	Házára	
...	...	...	...	...	...	...	...	...	...	...	No return received				Nágpur	Central Provinces.
															Bhandára	
															Chánda	
															Wardha	
															Bálaghát	
															Jubbulpore	
															Saugor	
															Damoh	
															Seoni	
															Mandla	
															Betúl	
															Chhindwára	
															Hoshangabad	
															Narsinghpur	
															Nimár	
															Raipur	
															Sambalpur	
															Biláspur	
...	...	...	...	...	...	...	...	...	...	...	...	No return received			*Arakan Division.*	British Burma.
															Akyab	
															Northern Arakan	
															Kyoukpyoo	
															Sandoway	
															Pegu Division.	
															Rangoon town and Hanthawaddy	
															Tharrawaddy	
															Prome	
															Irrawaddy Division.	
															Henzada	
															Bassein	
															Thonegwa	
															Thayetmyo	
															Tenasserim Division.	
															Moulmein town and Amherst	
															Tavoy	
															Mergui	
															Toungoo	
															Shwaygyin	
															Salween	
...	...	...	17 4	17 12	20 1	125 0	125 0	125 0	10 11	10 11	9 2	10 3	10 3	8 12	Secunderabad	Hyderabad Assigned Districts.
...	...	...	21 3	18 15	20 9	116 14	116 14	116 14	...	...	...	10 12	10 12	9 8	Bolarum	
...	...	...	18 0	17 8	19 0	80 0	80 0	80 0	...	...	...	9 8	9 8	8 4	Chudderghat	
...	...	...	20 0	20 0	23 0	64 0	64 0	80 0	12 0	12 0	11 0	11 8	11 8	10 8	Amraoti	
7 8	7 8	7 8	22 0	22 0	24 0	64 0	64 0	64 0	11 0	11 0	9 0	10 0	10 0	9 0	Akola	
...	...	...	15 0	16 0	22 0	64 0	64 0	64 0	...	...	...	10 0	10 0	10 0	Ellichpur	
...	...	...	22 0	22 0	35 0	...	...	...	...	...	...	10 0	10 0	10 0	Buldána	
...	...	...	20 0	22 0	23 0	100 0	100 0	100 0	...	...	...	8 0	8 0	8 0	Wún	
...	...	...	26 0	26 0	26 0	64 0	64 0	64 0	11 0	10 0	8 8	10 0	9 0	8 0	Básim	

* No wholesale salt sold.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT

QUANTITIES PER RUPEE

Provinces.	Districts.	Wheat. Present fortnight.	Wheat. Past fortnight.	Wheat. Corresponding fortnight of 1881.	Barley. Present fortnight.	Barley. Past fortnight.	Barley. Corresponding fortnight of 1881.	Rice (best sort). Present fortnight.	Rice (best sort). Past fortnight.	Rice (best sort). Corresponding fortnight of 1881.	Rice (common). Present fortnight.	Rice (common). Past fortnight.	Rice (common). Corresponding fortnight of 1881.	Great Millet (Cholum, Jowar), *Holcus Sorghum*. Present fortnight.	Great Millet. Past fortnight.	Great Millet. Corresponding fortnight of 1881.	Bulrush Millet (Cumboo, Bajra), *Penicillaria Spicata*. Present fortnight.	Bulrush Millet. Past fortnight.	Bulrush Millet. Corresponding fortnight of 1881.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Mysore.	Bangalore	10 15	11 5	11 10	12 12	13 0	12 15	9 11	9 9	9 1	11 2	11 0	10 11	23 6	22 14	25 3	...	...	...
	Kolar	...	...	...	10 6	12 0	10 2	12 14	13 15	10 12	15 3	15 3	13 0	...	...	...	...	...	...
	Túmkúr	14 0	14 0	13 0	12 8	13 0	13 0	12 0	12 0	12 0	13 0	12 8	13 8	...	...	...	...	...	...
	Mysore	11 0	10 4	10 0	...	...	...	11 0	10 12	9 4	11 4	11 8	9 12	...	...	...	...	...	...
	Hassan	11 0	12 0	11 0	11 8	14 0	12 0	10 0	10 0	11 8	11 0	12 0	12 0	...	...	...	...	...	...
	Shimoga	11 9	11 9	14 11	13 10	13 10	16 13	10 8	10 8	11 13	13 10	12 10	15 8	26 4	25 3	41 8	...	...	...
	Kadur	15 0	16 0	9 0	14 0	15 0	...	11 0	12 0	14 0	13 0	14 0	16 0	...	...	...	...	...	...
	Chitaldroog	16 0	16 0	16 0	18 0	18 0	20 0	11 0	11 0	12 0	12 0	12 0	13 0	36 0	36 0	40 0	28 0	28 0	48 0
Coorg	Coorg	7 15	7 12	8 5	8 8	8 8	8 12	10 9	10 10	10 14	13 0	13 12	15 10	...	...	...	...	...	...
Rajpootana.	Jeypore	16 12	16 8	15 12	21 8	21 0	22 8	7 0	6 0	6 0	9 0	9 0	8 8	18 8	20 0	25 0	19 0	18 4	20 0
	Kishengurh	16 0	16 0	17 8	21 8	21 8	27 0	8 0	8 0	8 8	9 0	9 0	9 0	21 0	21 0	26 8	17 0	17 0	21 0
	Kerrowlee	16 0	16 0	*	18 8	18 8	*	12 8	12 8	*	13 8	13 8	*	19 0	18 8	*	16 0	16 0	*
	Ulwur	18 7	17 15	16 11	23 5	22 3	21 6	8 0	8 0	8 0	11 8	11 10	10 15	23 5	22 0	20 9	17 0	16 3	19 0
	Bhurtpore (City)	17 7	17 8	16 8	22 13	23 8	20 8	6 12	6 8	6 8	11 4	11 8	7 0	20 11	20 8	21 0	17 11	17 8	17 8
	Ajmere	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Deoli Cantonment	16 5	16 7	18 6	20 0	20 6	23 8	...	...	...	10 8	10 8	10 8	20 0	20 0	24 6	16 0	16 0	22 0
	Erinpura	16 4	16 10	18 0	28 0	29 0	28 0	...	...	...	8 0	8 0	7 0	22 0	25 0	22 0	22 0	23 0	23 0
	Sirohee	17 0	17 8	17 0	28 0	28 0	27 0	7 0	7 0	6 8	8 0	8 8	8 0	17 0	17 0	18 0	21 0	21 0	23 0
	Abu	15 6	15 2	14 12	22 12	22 12	22 12	6 8	6 8	5 8	8 0	8 0	7 4	...	...	...	18 0	18 0	18 6
	Anadra	17 8	17 0	16 12	26 0	26 0	27 0	7 8	7 0	6 0	9 0	9 0	8 8	...	...	...	21 0	21 0	21 0
	Hilly Tracts of Meywar	22 0	20 0	24 0	28 0	28 0	42 0	...	...	...	18 0	18 0	15 0	...	...	...	...	...	...
	Meywar (Oodeypore)	15 0½	14 10¼	16 0¼	19 14¾	19 8½	21 14	10 2½	10 2½	7 13	...	...	...	...	...	...	...	...	...
	Bánswára (Meywar Agency)	22 8	21 4	28 12	...	...	...	10 0	10 0	7 8	18 12	18 12	17 8	...	...	...	...	...	...
	Partábgarh („)	16 11	16 1	18 12	...	...	...	10 15	10 15	7 8	13 7	13 7	11 4	...	...	...	...	...	...
	Marwar (Jodhpore)	15 15	15 0	14 11	21 4	20 0	18 12	6 4	5 0	5 0	7 8	6 14	6 4	22 8	17 8	18 12	18 12	18 12	17 8
	Bikaneer	No return received			...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Boondee	17 0	16 8	25 0	27 0	25 12	32 0	9 0	9 8	8 12	9 8	10 0	9 8	28 4	26 0	30 12	...	...	...
	Kotah	16 8	15 12	25 8	19 4	20 0	31 0	8 12	8 12	8 0	11 0	11 0	10 0	20 4	19 8	42 0	16 0	16 0	19 4
	Tonk	14 0	14 0	18 2	20 14	20 0	22 8	7 0	7 0	7 0	10 0	10 0	9 0	22 6	21 6	26 7	17 8	16 5	20 9
	Jhallawar	16 1	14 9½	22 7½	15 14	15 14	27 14	...	...	...	8 14	8 14	8 15½	16 4	16 8½	30 1½	13 6	13 6	18 3½
	Shahpoora	16 0	17 1	18 8	21 8	21 5	22 12	9 4	9 8	9 4	13 2	13 8	13 8	17 0	18 4	20 2	16 4	16 1	15 0
	Dholpur	17 5	16 13	16 9	23 15	22 8	19 8	10 2	10 2	7 14	12 6	12 6	11 13	21 8	21 6	18 15	20 6	21 8	18 9
Central India.	Indore	14 1	15 0	20 0	...	...	...	10 0	8 9	8 0	12 0	10 0	8 9	20 0	20 0	35 8	20 0	20 0	26 11
	Gwalior	15 11	15 7	15 10	21 0	20 1	19 3	7 5	7 5	6 14	9 11	9 10	9 6	20 1	18 12	18 0	18 4	15 9	15 8
	Goona	21 0	20 8	28 0	17 0	17 0	21 0	9 12	9 12	9 8	10 0	10 4	10 0	26 0	25 0	35 0	17 0	17 0	21 0
	Baghelkhand (Sutna)	21 0	21 0	21 10	32 0	32 10	31 15	8 0	8 0	7 0	18 0	17 12	17 7	32 0	32 10	26 6	24 0	24 0	16 0

* Not received.

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch.*)

INDIA FOR THE 2nd HALF OF JULY 1882—*concluded.*

IN SEERS OF 80 TOLAHS.

Lesser Millets, Ragi, &c. (Kavaru, Veragu, Sawee, Cheena, Coraloo, Murhwa, Nuglee), *Panicum Miliaceum, &c.*			Gram.			Firewood.			Salt. Wholesale.			Salt. Retail.			Districts.	Provinces.
Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.	Present fortnight.	Past fortnight.	Corresponding fortnight of 1881.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
25 13	25 13	24 3	29 2	29 6	32 14	96 0	96 0	84 0	13 0†	13 0†	10 8†	12 12†	12 12†	10 0†	Bangalore	Mysore.
29 5	28 13	29 2	30 13	31 15	36 12	172 6	172 6	172 6	12 7†	13 8†	11 5†	12 2†	13 3†	11 1†	Kolar	
32 0	30 0	31 0	37 0	36 0	35 0	340 0	340 0	340 0	9 0‡	10 0‡	12 8‡	8 8‡	9 8‡	12 0‡	Túmkúr	
20 0	20 0	17 6	30 0	28 0	22 2	72 0	72 0	84 0	8 8†	8 4†	7 13†	8 4†	8 0†	7 11†	Mysore	
24 0	22 0	30 0	26 0	28 8	30 0	600 0	600 0	600 0	...	...	...	8 0†	8 0†	7 8†	Hassan	
30 7	31 0	45 10	29 6	29 6	40 15	480 0	480 0	480 0	10 8†	10 8†	...	10 0†	10 0†	8 10†	Shimoga	
25 0	25 0	32 0	23 0	23 0	22 0	64 0	64 0	64 0	...	...	...	11 0†	11 0†	9 0†	Kadur	
36 0	39 0	49 5	30 0	30 0	38 0	100 0	100 0	100 0	12 0‡	12 0‡	16 0‡	12 0‡	12 0‡	16 0‡	Chitaldroog	
19 9	19 14	26 15	20 7	20 14	27 2	110 0	110 0	110 0	9 0	9 1	...	8 6	8 12	7 15	Coorg	Coorg
...	...	...	18 0	17 0	17 8	...	...	...	14 4	14 0	...	14 0	13 8	11 0	Jeypore	Rajpootana.
...	...	...	20 8	20 8	26 8	...	...	...	...	...	...	16 0	16 0	12 8	Kishengurh	
...	...	...	18 8	18 8	*	...	...	...	13 1	13 10	*	13 0	13 8	*	Kerrowlee	
...	...	...	22 8	21 2	17 0	...	...	...	15 13	15 13	...	15 0	15 6	12 4	Ulwur	
...	...	...	21 11	21 0	19 0	...	...	...	12 0	14 4	...	11 8	14 0	11 8	Bhurtpore (City)	
...	...	...	...	...	...	...	...	...	...	...	...	No return received			Ajmere	
...	...	...	19 10	20 5	20 8	...	...	...	...	...	...	12 13	13 0	10 8	Deoli Cantonment	
									Rs. A. P.	Rs. A. P. per md.	Rs. A. P					
...	...	...	22 0	23 0	21 4	160 0	170 0	160 0	3 1 2	3 1 2	...	12 0	12 0	10 8	Erinpura	
...	...	...	23 0	22 0	20 0	160 0	160 0	120 0	3 0 0	3 0 0	...	12 5	12 5	11 7	Sirohee	
...	...	...	19 0	18 12	16 6	160 0	160 0	160 0	3 8 0	3 12 0	...	11 0	10 8	10 8	Abu	
...	...	...	21 2	20 12	18 12	...	...	...	3 4 0	3 8 0	...	12 4	11 8	11 8	Anadra	
...	...	...	26 0	25 0	32 0	§	§	§	...	...	...	10 0	10 0	8 0	Hilly Tracts of Meywar	
									S. Ch.	S. Ch.	S. Ch.					
...	...	...	17 9¼	17 15½	21 1½	200 0	200 0	200 0	9 12¼	10 8¾	...	9 9	10 2½	6 13½	Meywar (Oodeypore)	
...	...	...	35 0	35 0	60 0	...	...	...	...	...	...	11 4	11 4	9 6	Bánswára (Meywar Agency)	
...	...	...	20 15	20 0	30 0	...	...	...	...	...	...	10 0	10 0	8 12	Partábgarh („)	
									Rs. A. P.	Rs. A. P. per md.	Rs. A. P.					
...	...	...	19 6	18 12	13 12	...	...	...	2 9 0	2 9 0	...	15 0	15 0	14 6	Marwar (Jodhpore)	
									S. Ch.	S. Ch.	S. Ch.					
...	...	...	...	...	...	...	...	...	...	...	...	No return received			Bikaneer	
...	...	...	28 4	25 0	30 0	120 0	140 0	160 0	11 12	11 12	7 8	11 8	11 8	...	Boondee	
...	...	...	24 8	22 12	32 8	240 0	240 0	240 0	12 4	12 4	...	11 12	11 12	8 9	Kotah	
...	...	...	20 6	19 9	22 11	160 0	160 0	100 0	12 0	12 4	10 8	11 12	12 0	...	Tonk	
...	...	...	20 1	20 11	28 4	...	...	...	9 15	9 15	...	9 11½	9 11½	7 1	Jhallawar	
...	...	...	19 3	19 0	21 8	160 0	160 0	160 0	13 8	13 2	10 4	13 4	13 0	...	Shahpoora	
...	...	...	22 9	21 7	18 15	...	...	...	12 15	12 15	10 11	12 2	12 3	10 0	Dholpur	
...	...	...	19 9	19 3	26 10	100 0	100 0	100 0	12 0	11 8	...	11 6	10 14	6 5	Indore	Central India.
...	...	...	19 9	18 12	16 12	91 4	91 4	118 10	...	...	...	11 7	11 7	9 15	Gwalior	
...	...	...	25 0	24 8	35 0	200 0	200 0	200 0	11 8	11 8	...	11 0	11 0	8 10	Goona	
...	...	...	30 0	30 0	26 2	160 0	160 0	160 0	12 5	12 5	...	11 10	11 8	10 10	Baghelkhand (Sutna)	

† Sea Salt. ‡ Earth Salt. § Eight pies per bundle.

D. M. BARBOUR,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

Comparative Statement of the Nett Indian Sea and Land Customs Revenue (excluding Salt Revenue) for the first four months of the official year 1882-83, and of the eleven preceding years.

(IN THOUSANDS OF RUPEES.)

YEAR.	FOR THE FOUR MONTHS, APRIL TO JULY.																									YEAR.
	BENGAL.				BOMBAY.				SINDH.				MADRAS.				BRITISH BURMA.				TOTAL BRITISH INDIA.					
	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	Total Import Revenue.	Export Revenue.	Total Revenue.	
1871-72 . .	3,38	21,67	7,18	32,23	2,81	10,10	1,33	14,24	41	32	41	1,14	1,19	3,94	4,94	10,07	45	1,36	7,73	9,54	8,24	37,39	45,63	21,59	67,22	1871-72.
1872-73 . .	4,37	21,36	6,97	32,70	1,80	12,99	1,21	16,00	39	29	80	1,48	1,40	4,28	4,00	9,68	1,13	1,67	14,56	17,36	9,09	40,59	49,68	27,54	77,22	1872-73.
1873-74 . .	3,63	20,85	5,26	29,74	2,15	11,54	1,26	14,95	42	21	36	99	1,32	4,59	4,93	10,84	1,20	1,55	12,41	15,16	8,72	38,74	47,46	24,22	71,68	1873-74.
1874-75 . .	4,04	24,63	4,40	33,07	2,19	12,28	1,34	15,81	43	16	39	98	1,17	4,89	4,56	10,62	1,48	2,35	8,57	12,40	9,31	44,31	53,62	19,26	72,88	1874-75.
1875-76 . .	3,88	27,24	5,90	37,02	2,41	13,70	3,25	19,36	44	31	80	1,55	1,49	5,07	5,25	11,81	1,23	1,45	15,72	18,40	9,45	47,77	57,22	30,92	88,14	1875-76.
1876-77 . .	4,32	20,34	3,64	28,30	2,76	10,94	45	14,15	41	18	8	67	1,92	4,20	3,10	9,22	1,65	1,74	10,62	14,01	11,06	37,40	48,46	17,89	66,35	1876-77.
1877-78 . .	5,14	25,71	3,72	34,57	3,13	13,21	48	16,82	75	25	14	1,14	1,71	2,52	63	4,86	1,81	1,94	8,87	12,62	12,54	43,63	56,17	13,84	70,01	1877-78.
1878-79 . .	4,51	21,09	4,61	30,21	2,88	12,57	70	16,15	63	14	9	86	2,00	3,47	1,52	6,99	2,68	2,36	10,99	16,03	12,70	39,63	52,33	17,91	70,24	1878-79.
1879-80 . .	3,95	19,59	2,76	26,30	3,03	10,36	73	14,12	1,00	29	7	1,36	1,73	2,78	1,74	6,25	2,39	1,84	14,45	18,68	12,10	34,86	46,96	19,75	66,71	1879-80.
1880-81 . .	4,46	17,54	3,01	25,01	2,90	13,71	63	17,24	1,50	34	9	1,93	1,78	3.42	3,33	8,53	1,67	2,37	14,38	18,42	12,31	37,38	49,69	21,44	71,13	1880-81.
1881-82 . .	4,66	17,46	4,62	26,74	3.56	13,30	60	17,46	1,37	50	12	1,99	1,76	3,43	2,54	7,73	2,34	2,35	16,77	21,46	13,69	37,04	50,73	24,65	75,38	1881-82.
1882-83 . .	4,82	11	4,90	9,83	3,58	—82*	52	3,28	1,16	3	20	1,39	1,79	...	1,38	3,17	2,97	4	22,56	25,57	14,32	—64*	13,68	29,56	43,24	1882-83.

* The amount refunded is greater than the duty collected.

DEPARTMENT OF FINANCE AND COMMERCE,
STATISTICAL BRANCH;
Calcutta, 21st August 1882.

D. M. BARBOUR,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION OPERATIONS OF FASL KHARIF, N.-W. PROVINCES, 1882, UP TO 30th JUNE 1882.

Canal Division.	Water distributed during June 1882. Depth in canal at regulating gauge in feet. Full supply.	Actual average throughout.	Gross consumption, cubic feet per second. Allotted discharge.	Actual average throughout.	Total area of irrigation during current fasl.	Total area for the corresponding period of last year.
Upper Ganges. Northern	10·00	...	740	602	40,665	28,893
Upper Ganges. Anúpshahr	6·80	...	700	784	53,250	45,468
Upper Ganges. Meerut	8·30	...	969	1,512	58,368	46.955
Upper Ganges. Bulandshahr	7·35	...	972	867	57,226	59,573
Upper Ganges. Aligarh	5·50	...	994	319	71,299	71,767
Lower Ganges. Narora	...	...	...	148	13,351	11,483
Lower Ganges. Mainpuri	...	...	...	149	33,677	28,014
Lower Ganges. Cawnpore	6·20	...	958	564	46,923	50,690
Lower Ganges. Etáwah	4·80	...	771	371	63,316	69,977
Lower Ganges. Bhognipur	...	...	...	148	21,072	19,590
Total, Upper and Lower Ganges Canals	...	...	...	5,464	459,147	432,410
Eastern Jumna Canal	...	...	1,250	1,249	60,868	54,258
Agra Canal	...	...	2,000	721	41,671	38,991
Rohilkhand	...	...	...	63	13,787	10,190
Bijnor	...	...	...	...	1,273	3,138
Dún	...	...	...	122	2,362	2,555
Jhánsi	...	...	...	...	23	13
Hamírpur	...	...	...	...	27	12
Total	...	...	...	...	579,158	541,567

Zila.	Land irrigated (approximate). Sugarcane.	Indigo.	Rice.	Cotton.	Other food grains.	Fodder crops.	Miscellaneous.	Total.	Rainfall. Total from 1st April to 30th June 1882.	Average of ten previous years for the same period.
Saháranpur	19,393	1,886	6,882	467	102	98	1,577	30,405	2·4	2·6
Muzaffarnagar	47,441	4,083	9.564	1,863	214	446	1,769	65,380	2·0	1·8
Meerut	72,376	16,862	3,794	5,342	745	1,835	1,363	102,317	2·86	2·2
Bulandshahr	8,882	52,402	132	6,533	935	212	1,336	70,432	4·2	2·4
Aligarh	1,238	45,661	176	2,952	1,224	117	1,286	52,654	8·6	2·0
Muttra	1,649	9,125	...	8,231	69	144	1,329	20,547	2·5	1·6
Agra	1,179	6,816	11	795	148	52	821	9,822	1·9	1·5
Etah	3,865	26,561	96	760	794	42	1,317	33,435	8·9	2·8
Mainpuri	4,964	36,860	108	133	808	40	824	43,737	11·8	3·2
Fatehgarh	2,210	19,862	6	...	227	15	233	22,553	7·17	3·5
Etáwah	8,124	41,606	2	...	356	60	636	50,784	5·2	1·9
Cawnpore	4,364	38,823	1,664	...	1,189	348	943	47,331	10·5	2·7
Delhi	8	...	...	11	...	...	...	19	1·1	2·3
Gurgaon	2,123	2,019	...	7,777	35	250	66	12,270	·8	2·1
Dehra Dún	974	...	1,101	1	...	...	286	2,362	8·0	6·8
Bijnor	...	...	114	...	...	...	1,159	1,273	4·4	3·0
Tarái	1,282	...	281	...	...	...	...	1,563	10·8	5·1
Pilibhit	1,067	...	281	...	...	...	...	1,348	7·4	4·0
Bareilly	8,938	...	1,938	...	...	...	...	10,876	8·4	3·6
Jhánsi	21	..	...	...	...	...	2	23	10·2	3·2
Hamírpur	11	...	15	...	...	...	1	27	15·9	4·2
Total	190,109	302,566	26,165	34,865	6,846	3,659	14,948	579,158	...	...
Total for the same period last year	160,759	299,429	20,518	36,608	6,458	2,506	15,289	541,567	...	...
Increase	29,350	3,137	5,647	...	388	1,153	...	37,591	...	...
Decrease	...	...	...	1,743	...	...	341	...	...	...

Remarks.

	Cubic feet per second.
Entering head of Ganges Canal	6,162
" Lower Ganges Canal	1,807
	7,969
Expended—	
Ganges Canal	4,084
Lower Ganges Canal	1,380
	5,464
Escapes—	
Anúpshahr Branch	167
Meerut Division	75
Bulandshahr ditto	82
Aligarh ditto	42
Narora ditto	203
Mainpuri	520
Cawnpore	461
Etáwah	294
Bhognipur	398
Percolation, Lower Ganges Canal	219
	2,461
Unaccounted for	44
	7,969

Executive Engineer, Meerut Division, reports that the demand was small in Lower Divisions from the 12th June. Hence the Meerut Division was able to raise distributary supply from 790 to 970 cubic feet. This gave great relief as there was a great drought with constant hot wind, and no rain fell till the 28th June, and then only one inch on the average, wholly insufficient for ploughing and sowing.

Executive Engineer, Mainpuri Division, reports that the monsoon commenced on the 11th June, stopping all demand for the remainder of the month, and that there was much less rain in the eastern than in the western part of the division.

Executive Engineer, Agra Canal, reports that the demand was fluctuating, and that but little new irrigation was effected after the rain of the 11th June.

Executive Engineer, Rohilkhand Canals, reports that the rains set in on night of the 10th June. From the 1st to 10th all water was being used up for sugar irrigation. From the 10th to 20th no water was used; during the latter portion of the month water was in demand for rice. Considerable floods came down the hill rivers on 12th and 20th. Excessive rainfall of 9 and 10 inches recorded on 7th July, and rivers in east portion of division; the Bahgul, Pangaili, Absara, and Deoha were in extraordinarily high flood, and the whole country between them inundated.

H

ALLAHABAD,
The 1st August 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. and Oudh,
P. W. D., Irrigation Branch.

STATEMENT OF TRAFFIC ON THE AGRA CANAL FOR THE MONTH OF JUNE 1882.

Nature of Traffic.	AGRA CANAL. Principal items of Traffic. Up.		Down.		Total up and down.	
	Mds.	No.	Mds.	No.	Mds.	No.
Grains—						
Wheat	375	...	4,450	...	4,825	...
Gram	...	...	2,150	...	2,150	...
Rice	...	...	...	...	...	...
Paddy or dhán	...	...	...	...	...	...
Bejhar or mixed grain	...	...	...	...	...	...
Dal—						
Urd	...	...	...	...	...	...
Mung	...	...	1,025	...	1,025	...
Arhar	...	...	...	...	...	...
Masuri	...	...	...	...	...	...
Juár	...	...	1,250	...	1,250	...
Bájra	...	...	...	...	...	...
Maize or Indian-corn	...	...	...	...	...	...
Barley	...	...	1,025	...	1,025	...
Total	375	...	9,900	...	10,275	...
Cotton	...	...	585	...	585	...
Oilseeds	...	...	...	...	...	...
Salt	...	...	...	...	...	...
Metals	...	...	...	...	...	...
Building materials	14,087	...	...	...	14,087	...
Miscellaneous goods	300	...	3,390	...	3,690	...
Firewood	...	...	80	...	80	...
Bamboos	...	...	110	...	110	...
Timber—						
Poles and unsquared timber	...	...	1,090	...	1,090	...
Karis and squared timber	...	...	...	...	...	...
Logs	...	...	...	...	...	...
Miscellaneous timber	...	...	...	...	...	...
Live-stock	...	...	...	...	...	...
Grand Total	14,762	...	15,155	...	29,917	...
Total during corresponding period of last year	22,425	...	47,994	...	70,419	...
Increase	...	...	...	...	...	...
Decrease	33,232	...	7,270	...	40,502	...

Remarks.

Particulars.	Agra Canal. 1882.	1881.
Tonnage, including weight of timber and bamboos	1,099	2,586
Ton mileage	117,474	289,092
Value of goods . . . . . Rs.	46,089	61,580
Number of passengers	...	...

Allahabad,
The 1st August 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. and Oudh, P. W. D., Irrigation Branch.

STATEMENT OF TRAFFIC ON UPPER AND LOWER GANGES CANALS FOR THE MONTH OF JUNE 1882.

	UPPER GANGES CANAL. Principal items of local Traffic.						LOWER GANGES CANAL. Principal items of local Traffic.						UPPER AND LOWER GANGES CANALS. Principal items of through Traffic.						UPPER AND LOWER GANGES CANALS. Principal items of local and through Traffic.						Remarks.
	Up.		Down.		Total up and down.		Up.		Down.		Total up and down.		Up.		Down.		Total up and down.		Up.		Down.		Total up and down.		
	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	Mds.	Nos.	
Grains.																									
Wheat	995	...	5,336	...	6,331	...	...	...	175	...	175	...	1,495	...	2,233	...	3,728	...	2,490	...	7,674	...	10,164	...	
Gram	2,963	...	300	...	3,263	...	1,451	...	...	...	1,451	...	...	...	...	...	...	...	4,414	...	300	...	4,714	...	
Rice	75	...	...	...	75	...	121	...	...	...	121	...	676	...	...	...	676	...	872	...	...	...	872	...	
Paddy or dhán	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Bejhar or mixed grain	...	...	...	...	...	...	...	...	...	...	...	...	...	...	102	...	102	...	...	...	102	...	102	...	
Dál ... Urd	...	...	800	...	800	...	649	...	...	...	649	...	...	...	1,780	...	1,780	...	649	...	2,580	...	3,229	...	
Dál ... Mûng	...	...	200	...	200	...	...	...	...	...	...	...	...	...	45	...	45	...	...	...	245	...	245	...	
Dál ... Arhar	75	...	...	...	75	...	225	...	...	...	225	...	2,315	...	...	...	2,315	...	2,615	...	...	...	2,615	...	
Dál ... Masuri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Juár	74	...	300	...	374	...	...	...	...	...	...	...	...	...	...	...	...	...	74	...	300	...	374	...	
Bájra	...	...	...	...	...	...	31	...	...	...	31	...	...	...	...	...	...	...	31	...	...	...	31	...	
Maize or Indian-corn	...	...	...	...	...	...	250	...	...	...	250	...	...	...	...	...	...	...	250	...	...	...	250	...	
Barley	...	...	...	...	...	...	333	...	...	...	333	...	...	...	54	...	54	...	333	...	54	...	387	...	
Total	4,182	...	6,936	...	11,118	...	3,060	...	175	...	3,235	...	4,486	...	4,214	...	8,700	...	11,728	...	11,325	...	23,053	...	
Cotton	...	...	...	...	...	...	...	...	309	...	309	...	...	...	1,890	...	1,890	...	...	...	2,199	...	2,199	...	
Oilseeds	...	...	60	...	60	...	...	...	18,148	...	18,148	...	3,278	...	2,640	...	5,918	...	3,278	...	20,848	...	24,126	...	
Salt	300	...	...	...	300	...	73	...	3,929	...	4,002	...	80	...	62,641	...	62,721	...	453	...	66,570	...	67,023	...	
Metals	220	...	598	...	818	...	342	...	...	...	342	...	1,664	...	34	...	1,698	...	2,226	...	632	...	2,858	...	
Building materials	5,303	...	22,339	...	27,642	...	14,101	...	23,000	...	37,101	...	...	...	1,468	...	1,468	...	19,404	...	46,807	...	66,211	...	
Miscellaneous goods	1,387	...	870	...	2,257	...	185	...	3,068	...	3,253	...	4,270	...	4,592	...	8,862	...	5,842	...	8,530	...	14,372	...	
Firewood	8,800	...	4,638	...	13,438	...	463	...	16,088	...	16,551	...	...	...	...	...	...	...	9,263	...	20,726	...	29,989	...	
Bamboos	...	...	43,728	874,560	43,728	874,560	...	...	4,462	89,240	4,462	89,240	...	...	...	...	...	...	...	...	48,190	963,800	48,190	963,800	
Timber. Poles and unsquared timber.	...	...	11,025	11,025	11,025	11,025	185	185	...	...	185	185	15	15	...	...	15	15	200	200	11,025	11,025	11,225	11,225	
Timber. Karis and squared timber.	200	200	11,233	11,233	11,433	11,433	125	125	...	...	125	125	82	82	...	...	82	82	407	407	11,233	11,233	11,640	11,640	
Timber. Logs	210	11	35	2	245	13	...	...	...	...	...	...	...	...	...	...	...	...	210	11	35	2	245	13	
Miscellaneous timber	...	...	947	1,894	947	1,894	...	...	...	...	...	...	...	...	...	...	...	...	...	...	947	1,894	947	1,894	
Live-stock	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Grand Total	20,602	211	102,409	898,714	123,011	898,925	18,534	310	69,179	89,240	87,713	89,550	13,875	97	77,479	...	91,354	97	53,011	618	249,067	987,954	302,078	988,572	
Total during corresponding period of last year.	31,636	1,280	103,924	672,082	135,560	673,362	7,464	12,351	36,353	131,430	43,817	143,781	9,944	3,038	38,294	60	48,238	3,098	49,044	16,669	178,571	803,572	227,615	820,241	
Increase	...	...	...	226,632	...	225,563	11,070	...	32,826	...	43,896	...	3,931	...	39,185	...	43,116	...	3,967	...	70,496	184,382	74,463	168,331	
Decrease	11,034	1,069	1,515	...	12,549	...	...	12,041	...	42,190	...	54,321	...	2,941	...	60	...	3,001	...	16,051	...	...	...	...	

Particulars.	Upper Ganges Canal (local).		Lower Ganges Canal (local).		Upper and Lower Ganges Canals (through).		Total Upper and Lower Ganges Canals.	
	1881.	1882.	1881.	1882.	1881.	1882.	1881.	1882.
Tonnage, including weight of timber and bamboos	5,021	4,519	1,623	3,222	1,787	3,356	8,431	11,097
Ton mileage	217,045	342,116	147,768	228,517	435,356	2,226,239	800,169	2,796,872
Value of goods Rs.	48,956	1,13,771	1,34,254	2,48,994	2,09,246	3,58,462	3,92,456	7,21,227
Number of passengers	...	259	...	...	37	10	37	269

ALLAHABAD,
The 1st August 1882.

G. H. D. WALKER,
Asst. Secy. to Govt., N.-W. P. & Oudh, P. W. D., Irrigation Branch.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION BRANCH.

IRRIGATION OPERATIONS IN BENGAL FOR 1882-83.

Areas leased for irrigation up to end of June 1882.

Circle.	District.	Canal.	Supply of Water in the Canals. Estimated full discharge in cubic feet per second.	Estimated full discharge in cubic feet per second throughout the month.	Estimated discharge utilised.	Kharif. Five-year leases. Leased in June 1882.	Leased up to end of June 1882.	Total, inclusive of unexpired leases of previous years.	Three-year leases. Leased in June 1882.	Leased up to end of June 1882.	Total, inclusive of unexpired leases of previous years.	Annual leases. Leased in June 1882.	Leased up to end of June 1882.	Rabi. Three-year leases. Leased in June 1882.	Leased up to end of June 1882.	Total, inclusive of unexpired leases of previous years.	Annual leases. Leased in June 1882.	Leased up to end of June 1882.	Sugarcane. Leased in June 1882.	Leased up to end of June 1882.	Grand Total. Kharif.	Rabi.	Sugarcane.	Total.	Grand total of the corresponding month of previous year.	Rainfall. Inches during the month.	Inches during 1882-83.	Average of the ten previous years of the same period.	Remarks.
			c. ft.	c. ft.	c. ft.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Acr.	Ins.	Ins.	Ins.	
Orissa	Cuttack	Kendrapara	1,269	308·60	...	...	...	40,081	...	...	13,607	...	...	...	...	...	391	502	1	1	53,688	502	1	54,191	50,178				
		Patamoondee	1,042	33·20	...	...	...	11,272	...	...	796	...	...	...	...	...	18	18	...	...	12,068	18	...	12,086	12,046				
		High Level, Section I	675	...	...	...	...	13,587	...	...	626	...	...	...	...	...	...	...	...	8	14,213	...	8	14,221	13,992				
		Taldanda	1,300	187·00	...	...	...	10,076	...	...	932	...	...	...	...	...	...	...	...	...	11,008	...	...	11,008	10,602	6·16	17·03	9·81	
		Matchgong	650	60·00	...	...	...	25,269	...	...	6,197	...	...	...	...	...	188	188	10	10	31,466	188	10	31,664	28,614				
	Balasore	High Level, Section II	727·16	83·41	...	...	...	204	...	...	1,176	...	...	...	...	...	...	...	3	3	1,380	...	3	1,383	1,412				
	Total of the month		...	...	...	...	...	100,489	...	...	23,334	...	...	...	...	...	597	708	14	22	123,823	708	22	124,553	116,844	6·16	17·03	9·81	
	Total of the corresponding month of previous year		...	...	...	...	...	100,573	...	436	11,099	...	...	...	...	...	4,254	5,005	107	167	111,672	5,005	167	116,844	...	17·04	18·42	8·85	
South-Western	Midnapore	Midnapore	875	413	...	5,014	5,014	75,241	...	...	...	...	...	...	...	...	...	...	...	...	75,241	...	...	75,241	91,690	9·01	18·96	16·34	
	Howrah	Panchkoorah	300	66	...	...	...	10,294	...	...	...	...	...	...	...	...	...	...	...	...	10,294	...	...	10,294	12,129	8·25	18·44	15·02	
	Total of the month		...	...	...	5,014	5,014	85,535	...	...	...	...	...	...	...	...	...	...	...	...	85,535	...	...	85,535a	103,819	17·26	37·40	31·36	(a) Leases for 23,341 acres expired on 31st March 1882.
	Total of the corresponding month of previous year		...	...	...	...	...	103,520	...	...	299	...	...	...	...	...	...	...	...	...	103,819	...	...	103,819	...	40·08	52·15	30·96	
Sone	Shahabad	Western Main	4,342	were closed for repairs.		271	861	1,260	...	...	...	38	38	...	...	...	...	...	...	1,214	1,298	...	1,214	2,512	1,654	2·80	3·20	5·47	
		Buxar	1,226			535	2,212	4,806	...	...	...	...	...	...	...	...	...	...	...	2,975	4,806	...	2,975	7,781	7,514				
		Arrah	1,660			624	1,150	34,142	...	...	...	...	...	...	...	3,347	...	...	—1,6895	4,396	34,142	3,347	4,396	41,885	25,926	4·10	5·72	7·15	
	Patna and Gya	Eastern Main	1,466	397	397	...	88	214	...	...	...	...	...	...	...	...	...	...	...	78	214	...	78	292	20	8·58	10·54	7·05	(b) Three years' leases which expired on 31st May 1882.
		Patna				407	464	7,163	...	...	...	637	637	...	...	...	...	78	69	2,126	7,800	78	2,126	10,004	1,848				
	Total of the month		...	...	...	1,837	4,775	47,585	...	...	...	675	675	...	...	3,347	...	78	—1,620	10,789	48,260	3,425	10,789	62,474	36,962	15·48	19·46	19·67	
	Total of the corresponding month of previous year		...	...	...	5,180	7,599	12,751	...	...	9,280	1,183	1,183	...	...	...	...	...	348	13,748	23,214	...	13,748	36,962	...	15·87	26·18	21·34	
	Grand total of the month		...	...	...	6,851	9,789	233,609	...	...	23,334	675	675	...	...	3,347	597	786	—1,606	10,811	257,618	4,133	10,811	272,562	257,625	38·90	73·89	60·84	
	Grand total of the corresponding month of previous year		...	...	...	5,180	7,599	216,844	...	436	20,678	1,183	1,183	...	...	...	4,254	5,005	455	13,915	238,705	5,005	13,915	257,625	...	72·99	96·75	61·15	

CALCUTTA,
The 4th August 1882.

G. F. E. S. NEILL, *Major, M.S.C.,*
Asst. Secy. to the Govt. of Bengal
in the P. W. Dept., Irrigation Branch.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

No. 5Fh., dated 25th August 1882.

NOTIFICATION—By the Government of India, Revenue and Agricultural Department.

The following prospectus, received from Her Majesty's Secretary of State for India, of the International Fisheries Exhibition, which it is proposed to hold in London in 1883, is published for general information:—

REVISED EDITION.

The Great International Fisheries Exhibition.

LONDON, 1883.

PATRON.

HER MOST GRACIOUS MAJESTY THE QUEEN.

PRESIDENT.

HIS ROYAL HIGHNESS THE PRINCE OF WALES, K.G.

VICE-PRESIDENTS.

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His Royal Highness the Duke of Connaught, K.G.
His Royal Highness the Duke of Albany, K.G.
His Royal Highness the Duke of Cambridge, K.G., F.M.
His Royal Highness Prince Christian, K.G.
His Serene Highness the Duke of Teck, G.C.B.
His Serene Highness Count Gleichen.
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The Duke of Norfolk, Earl Marshal of England.
The Duke of Richmond and Gordon, K.G.
The Duke of Beaufort, K.G.
The Duke of St. Albans.
The Duke of Marlborough, K.G.
The Duke of Hamilton, K.T.
The Duke of Buccleuch, K.G.
The Duke of Argyll, K.T.
The Duke of Athole, K.T.
The Duke of Roxburghe.
The Duke of Portland.
The Duke of Manchester, K.P.
The Duke of Northumberland, K.G.
The Duke of Sutherland, K.G.
The Duke Abercorn, K.G.
The Duke of Westminster, K.G.
James Russell Lowell, Esq., United States Minister in London.
The Marquess of Salisbury, K.G.
The Marquess of Waterford, K.P.
The Marquess of Exeter.
The Marquess of Ormonde.
The Earl Percy.
The Marquess of Hamilton.
The Earl of Shaftesbury, K.G.
The Earl of Jersey.
The Earl of Breadalbane.
The Earl of Rosebery.
The Earl of Howth.

VICE-PRESIDENTS—continued.

The Earl Granville, K.G., H. M. Secretary of State for Foreign Affairs.
The Earl of Kimberley, H. M. Secretary of State for the Colonies.
His Excellency the Earl of Dufferin, K.P., G.C.M.G., K.C.B., H. B. M. Ambassador at Constantinople.
The Earl Northbrook, G.C.S.I., H. M. First Lord of the Amiralty.
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The Lord Algernon Percy, M.P.
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The Viscount Combermere.
His Excellency Viscount Lyons, G.C.B., G.C.M.G., H. B. M. Ambassador at Paris.
The Lord Lovat.
The Lord Colville of Culross, K.T.
The Lord Walsingham.
The Lord Rendlesham, M.P.
Major-General Lord Abinger, C.B.
The Lord Elcho, M.P.
The Lord Alfred Paget.
The Right Hon. Lord Richard Grosvenor, M.P.
The Baroness Burdett-Coutts.
The Lord Aberdare.
The Lord Alington.
The Lord Ardilaun.
The Lord Tweedmouth.
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The Right Hon. Sir W. Vernon Harcourt, M.P., H. M. Secretary of State for the Home Department.
The Hon. Evelyn M. Ashley, M.P., Secretary to the Board of Trade.
Admiral of the Fleet the Hon. Sir Henry Keppel, G.C.B.
His Excellency The Right Hon. Sir Henry George Elliott, G.C.B., H. B. M. Ambassador to the Court of Vienna.
The Right Hon. W. E. Gladstone, M.P., H. M. First Lord of the Treasury.
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The Right Hon. the Lord Mayor of York.
The Right Hon. the Lord Mayor of Dublin.
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Admiral Sir Richard Collinson, K.C.B., Deputy Master of the Trinity House.
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The Prime Warden, Wardens, and Court of Assistants of the Fishmongers' Company.

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Archibald Young, Esq. } Commissioners of Scotch Salmon Fisheries.
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James Leslie, Esq., C.E. }
Major Hayes. } Inspectors of Irish Fisheries.
Thomas F. Brady, Esq. }
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C. Cecil Trevor, Esq.
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The Earl of Ducie.
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The Imperial Bank, 6, Lothbury, E.C.

DIRECTOR AND SECRETARY.

Sir B. T. Brandreth Gibbs.

ASSISTANT SECRETARY.

Harry W. Towse.

OFFICES.

24, Haymarket, S.W.

CLASSIFICATION.

Exhibitors to quote the number in this column.

CLASS I.

FISHING.

Section I.—Sea Fishing.

Division	1	(1) Gear of every description and of all nations used in trawl, herring, long line, hand line, and every other mode or system of fishing, including all nets, lines, hooks, harpoons, tackle, &c., employed in the same.
Division	2	(2) Oyster dredges, crab, lobster, prawn, &c., pots, and other appliances for catching fish of this description.
		(3) Fishing craft of all nations, models, and representations of the same.
Division	3	(i) Steam fishing vessels and steam carriers.
Division	4	(ii) Fishing vessels and boats other than steam vessels.
Division	5	(4) Ropes and canvas suitable to fishing vessels.
Division	6	(5) Steam capstans, compasses, barometers, telescopes, lights, lamps, fog horns, systems of signalling at night for fishing fleets and vessels, electric lights, luminous paint, and other equipment of fishing vessels, charts for fishermen.
Division	7	(6) Models of harbours, piers, and slips for fishing purposes.
Division	8	(7) Fishing tackle and netting in different stages of preparation, and machinery used for working up the raw material.
Division	9	(8) Life-boats, their equipment, and life-saving apparatus of every description.
Division	10	(9) Appliances and methods for breaking the force of the sea at the entrance of harbours and elsewhere.
Division	11	(10) Methods of communication from the shore to light-ships and fishing fleets by submarine cables.
Division	12	(11) Methods of protecting submarine cables from injury by fishing operations (illustrated by models and drawings).

Section II.—Freshwater fishing.

Division	13	(1) Salmon nets and fixed appliances for catching salmonidæ in all their varieties.
Division	14	(2) Salmon rods, reels, lines, artificial flies and baits, gaffs, spears, creels, &c.
Division	15	(3) Trout rods, reels, landing nets, lines, artificial flies, baits, baskets, bags, &c.
Division	16	(4) Pike, barbel, and other coarse fish-rods, reels and tackle, artificial spinning baits, &c.
Division	17	(5) Traps, nets, bucks, wheels, and all kinds of apparatus for catching eels, lampreys, &c.
Division	18	(6) Hooks, &c.
Division	19	(7) Anglers' apparel of every description.
Division	20	(8) boats, punts, cobles, collapsible, portable, &c., in models or otherwise.

NOTE.—*The above classification is suggested as a convenient one for this class, but it is not intended to exclude any objects which come within the class.*

CLASS II.

ECONOMIC CONDITION OF FISHERMEN.

Division	21	(1) Apparel and personal equipment.
Division	22	(2) Food and medicine chests.
Division	23	(3) Models and plans of dwellings.
Division	24	(4) Contracts of partnerships; insurances of life, boats, gear, &c.; benefit societies.

CLASS III.

COMMERCIAL AND ECONOMIC.

1.—Preparation, preservation, and utilisation of fish.

(*a*) For edible purposes—

Division	25	(i) Models of fish-curing establishments; methods of, and models and other representations of, any appliances for drying, curing, salting, smoking, tinning, cooking, &c.
Division	26	(ii) Fish dried, smoked, cured, salted, tinned, or otherwise prepared for food.

Exhibitors to quote the number in this column.		
Division	27	(iii) All products prepared from fish, such as oils, roes, isinglas, &c.
Division	28	(iv) Antiseptics suitable for preserving fish for food.
		(*b*) For other than edible purposes—
Division	29	(i) Oils, manures, and other products prepared from fish.
Division	30	(ii) Methods of, and models and other representations of appliances for, preparing oils and manures from fish.
Division	31	(iii) Sea and fresh water pearl shells; mother-of-pearl manufactured; pearls sorted.
Division	32	(iv) Preparation and application of sponges, corals, pearls, shells, and all parts and products of aquatic animals, &c., to purposes useful and ornamental, with specimens.
		2.—Transport and sale of fish.
Division	33	(*a*) Appliances for carrying fish and for preserving fish during transport or otherwise, and models of the same.
Division	34	(*b*) Models of fish markets, and appliances connected with the same.

CLASS IV.

Fish Culture.

Division	35	(1) Models or drawings of fish hatching, breeding and rearing establishments, including oyster and other shellfish grounds; and all apparatus and implements connected with the same, and for transporting fish and fish ova; food for fry.
Division	36	(2) Representations illustrative of the development and progressive growth of fish.
Division	37	(3) Models and drawings of fish passes and fish ladders.
		(4) Scientific investigation.
Division	38	(i) Models and drawing of diseases of fish, with special reference to their origin and cure.
Division	39	(ii) Processes for rendering streams polluted by sewage and chemical or other works innocuous to fish life (illustrated by models and drawings).
Division	40	(iii) Physico-chemical investigation into those qualities of salt and fresh water which affect aquatic animals; investigation of the bottom of the sea and of lakes, shown by samples; aquatic plants in relation to fishing, &c.; researches into the aquatic fauna (animals of the several classes preserved in alcohol or prepared, &c.); apparatus and implements used in such researches.
Division	41	(5) Acclimatisation of fish.

CLASS V.

Natural History.

Aquaria.

		(1) Specimens living (marine and fresh water), fresh, stuffed or preserved, casts, drawings and representations of—
Division	42	(*a*) Algæ arranged according to their various species and localities.
Division	43	(*b*) Sponges, in their natural state.
Division	44	(*c*) Corals, in their natural state, polyps, jelly-fish, &c.
Division	45	(*d*) Entozoa.
Division	46	(*e*) Mollusca of all kinds and shells not included in Class III.
Division	47	(*f*) Star-fishes, sea urchins, holothuriæ.
Division	48	(*g*) Worms used for bait, or noxious; leeches, &c.
Division	49	(*h*) Perfect insects and larvæ of insects, which are destroyers of spawn or serve as food for fish.
Division	50	(*i*) Crustacea of all kinds.
Division	51	(*k*) Fish of all kinds.
Division	52	(*l*) Reptiles, such as tortoises, turtles, terrapins, lizards, serpents, frogs, newts, &c.
Division	53	(*m*) Aquatic and other birds hostile to fish or fishing.
Division	54	(*n*) Aquatic and amphibious mammalia (otters, seals, whales, &c.) and others detrimental to fish.
Division	55	(2) Works on Ichthyology. Maps illustrating geographical distribution, migration, &c., of fishes and spawn.
Division	56	(3) Specimens and representations illustrative of the relations between extinct and existing fishes.

Exhibitors to quote the number in this column.

CLASS VI.

History and Literature of

Fishing—Fishery Laws—Fish Commerce.

Division	57	(1) Ancient fishing implements or their reproductions—models—pictures—books—emblems—charters and seals of ancient fishermen guilds.
Division	58	(2) Fishery laws of different countries,
Division	59	(3) Copies of treaties, conventions, &c., dealing with international fishery relations.
Division	60	(4) Reports, statistics and literature of fish, fishing, and fisheries.
Division	61	(5) Reports on acclimatisation of fish, and of attempts in this direction.

CLASS VII.

Loan Collections.

Collections within the scope of the foregoing classes.

Money Prizes.

The Committee will be prepared to receive and consider the offer of money prizes for any special exhibits or essays connected with the objects of the exhibition.

Essays.

Preliminary notice.

Prizes of £100 will be given for each of the following subjects, *viz.* :—

(1) The Natural History of commercial fishes of Great Britain, with special reference to such parts of their natural history as bear upon their production and commercial use.

(2) Relations of the State with fishermen and fisheries, including all matters dealing with their protection, regulation, &c.

(3) On the possible increase of the supply of fish, and on improved facilities for their economic transmission and distribution.

Conferences are proposed to be held for the purpose of reading and discussing papers on subjects connected with the exhibition.

REGULATIONS.

The Great International Fisheries Exhibition.

LONDON, 1883.

Royal Patronage.

1. A Great International Fisheries Exhibition, under the patronage of Her Majesty the Queen and the Presidency of H. R. H. the Prince of Wales, will be held in London in 1883.

Date.

2. The Exhibition will be opened on the 1st of May, and continue open for a period of not less than six months.

Objects.

3. The principal objects to be admitted are comprised in the annexed classification, which is intended to include all kinds of specimens of fish life, and to illustrate all the modes by which the *marine* and *fresh water* animals of economic value are captured and utilised, together with the commercial, scientific social, historic and legislative aspects of such fisheries.

Rewards.

4. Medals in gold, silver, and bronze, and diplomas of honour, will be awarded by a jury, the composition of which will be settled later.

All expenses to be borne by exhibitors.

5. No charge will be made for space, but exhibitors will have to pay every expense of transit, delivery, fixing, and removing their exhibits, and they must, either personally or by their agents, superintend the reception and installation, and, at the close of the exhibition, the removal of their goods; in default thereof, the Committee reserves to itself the right of doing whatever may be considered necessary, and at the expense of the exhibitor.

Applications.

6. Applications for admission must be made on printed forms, which will be supplied on application; these are to be sent to the General Secretary in London on or before the 1st July 1882, except under special arrangements or concessions.

Allotment.

7. The General Secretary will, before the 1st October 1882, or as soon after as practicable, notify to applicants the decision of the Committee, and will indicate the space, if any, which has been accorded to them, and give to each a number.

N.B.—With reference to Rule "6," an extension of time till September 1st, 1882, will be granted to distant colonies and countries.

Loan Department.

8. Contributors to the Loan Department are requested to communicate with the Secretary, who will supply forms to be filled up by them.

Foreign Countries.

9. The Foreign Correspondents that may be appointed are invited to enter as soon as possible into communication with the General Secretary. The correspondent will be charged with the consideration of all questions relative to the distribution of the space allotted to his country. The Committee will therefore not correspond directly with foreign exhibitors, except in those countries where no correspondent is appointed.

Foreign Countries.

10. The Committee will place at the disposal of foreign correspondents all information and plans that may be useful for their arrangements.

Foreign Countries.

11. The applicants for space from countries in which no correspondent has been appointed will correspond directly with the General Secretary of the Committee.

Railway rates.

12. The Committee will endeavour to obtain, from the various English Railway Companies, special terms for the conveyance of exhibits to and from the exhibition, and should they succeed in doing so such arrangements will be communicated to intending exhibitors.

Railways, &c.

13. The Committee will not interfere in any way between the Railway Companies, the carriers, and the exhibitors, with reference to the despatch, transmission, reception, management, or return of goods exhibited.

Marks on packages.

14. All packages containing goods intended for exhibition must have painted on them the distinctive mark (I.F.E.) in red paint, and they must also have painted on them the name and number of the exhibitor.

Waybills.

15. The waybill accompanying all packages must contain the name of the exhibitor, his number, and address.

Exhibitors or Agents to receive own goods, &c.

16. Each exhibitor must provide, either personally or through an agent for the despatch, transmission, reception, unpacking, and arrangement of his goods, and for the verification of their contents when unpacked. If neither the exhibitor nor his agent be present to receive the packages on arrival at the Exhibition, the carrier will be directed to take them away; but should any goods be deposited in the exhibition premises during the absence of the exhibitor or his agent, the Committee will not be responsible for any loss or damage from whatsoever cause arising.

Foreign packages.

17. Packages from foreign countries must likewise have painted on them in distinctive marks the letters (I.F.E.) in red paint. They must be addressed to the exhibitor himself or his agent. *They must all be marked in such a way as to* show distinctly from whence they come, the name of the country, and the number of the exhibitor being painted legibly thereon.

Passages.

18. *Exhibition Spaces.*—The space granted to an exhibitor within the building is available for floor space exclusive of the passages for the public.

Show Cases.

19. *Show Cases.*—No particular form or design is prescribed for cases, counters, platforms, &c., but they must not exceed the following heights without the special written permission of the Committee:—

Show cases and partitions,		10	feet above the floor.
Counters	...	3	"
Platforms	...	1 foot	"

Railings.

20. Exhibitors may place railings of a uniform height of 2 feet 6 inches above the floor level. In every instance the railings must be within the area of the "stand," *i.e.*, the space allotted.

Floors.

21. The flooring must not be altered, removed, or strengthened for the convenience of arrangement, except by sanction of the Committee, and at the expense of the exhibitor.

No Obstructions.

22. No exhibitor will be permitted to display exhibits in such a manner as to obstruct the light or vistas through the avenues, or to occasion inconvenience, injury, or otherwise disadvantageously affect the display of other exhibitors.

Decorations.

23. *Decorations.*—In order to ensure uniformity of decoration and general good effect, no exhibitor will be allowed to put up any flags, banners, or other kind of decoration without permission.

Signs.

24. *Signs.*—No sign or name board may be placed otherwise than parallel with the main passages, that is, parallel with the frontage of the respective stands, and should be as near to the back of the space as possible, so as not to interfere with the vista. The signs to be black and gold. All signs must be hung subject to the approval of the Director.

Placards.

25. No printed or written bills may be displayed unless they are neat in design.

Exhibitors' Offices.

26. *Offices.*—Any exhibitor who may obtain permission to erect an office on his allotted space must conform to the following rules:—

The office must not exceed 8 feet in height; must be placed at the back of the stand, unless otherwise sanctioned; and must be painted black and varnished, with gilt beadings.

Empty Cases, immediate removal.

27. The spaces outside the allotments for exhibitors being required for the necessities of circulation, packages and empty cases will not be allowed to remain there. Cases must be unpacked as fast as received, and the empty cases taken away by the exhibitors or their agents. The Committee decline to accept any responsibility with reference to empty cases, which must be at once removed from the building at the expense of exhibitors.

Empty Cases.

28. The Committee will have nothing whatever to do with warehousing or the preservation of empty cases, or reserve any space for the purpose.

Exhibitors to keep Stands clean.

29. Exhibitors will be required to provide all necessary attendance and to keep their stands and exhibits properly cleaned and in good order during the whole period of the Exhibition.

Non-transfer.

30. No exhibitor will be allowed to transfer any allotment, or to allow any other than his own duly admitted exhibits to be placed thereon, except by permission of the Committee.

Exhibitor's Name.

31. All goods exhibited must be in the name of the person who signed the application form.

Selling Price.

32. Exhibitors, being traders, are requested to mark the selling price of the articles exhibited complete, so as to facilitate the judgment of the jury, as well as for the information of visitors.

Non-removal and Perishable Articles.

33. Objects sold cannot be taken away before the close of the Exhibition without the special permission of the Committee. Special arrangements will be made with regard to perishable exhibits.

Water, Gas, or Steam Machinery in motion.

34. Exhibitors of apparatus requiring the use of water, gas or steam must state on applying for admission the quantity of water, gas or steam which they may consider necessary. Those who wish to show machinery in motion must state the rate of speed at which the machine is to be driven. The furnishing of all counter shafting, pulleys, gas, water, steam, &c., must be at the entire expense of the exhibitor, but under the direct control of the Committee or their appointed officer.

Dangerous Substances.

35. All fulminating and explosive substances and all dangerous substances are absolutely forbidden to be sent.

Receptacles.

36. Spirits, alcohol, oils, essences, corrosive substances, and generally all substances which might spoil other articles or inconvenience the public, can only be received in solid and suitable vessels of small size.

Catalogue.

37. The Committee reserve the sole right of compiling a catalogue of the exhibits under regulations which will be duly notified. Each nation will, however, have the right to produce at its own expense, but in its own language only, a catalogue of all the objects in its own Section.

Hand-bills.

38. All hand-bills, printed matter, &c., for gratuitous distribution, connected with exhibits, will be under special regulations and must first receive the approval and permission of the Committee, or the Director, which may be withdrawn at any time.

No Photographs, &c.

39. No article exhibited may be photographed, drawn, copied or reproduced in any manner whatsoever without the special sanction of the Committee.

Non-liability for loss or damage.

40. The Committee will not hold itself responsible for any loss or damage occurring to any exhibit from any cause whatsoever; but while declining any responsibility, it is the intention of the Committee to take such precautions as they deem necessary.

Future arrangement as to Date of Reception and Jury.

41. Future regulations will settle in due time the arrangements for the date of reception, location of goods, tickets of admission for exhibitors and assistants, and the formation and working of the jury.

Right to alter Rules.

42. The right to add to, alter, amend, or expunge any of these rules is reserved by the Committee.

All Rules binding.

43. Both Englishmen and Foreigners in becoming exhibitor declare by so doing their compliance with the whole of these regulations, together with such other regulations as the Committee may issue from time to time.

44. The Committee reserve the right to remove the objects belonging to any exhibitor who shall not conform to the regulations.

Non-liability for Accidents.

45. If any damage or injury shall be caused or occasioned during the exhibition by any exhibited machine, implement, or article to any visitor or other person, or to any officer, servant, or others then and there employed by the Committee of the Great International Fisheries Exhibition, 1883, then the exhibitor to whom such machinery, implement, or article may belong shall indemnify and hold harmless the said Committee from and against all actions, suits, expenses, and claims on account or in respect of any such damage or injury which may be so caused or occasioned.

The Great International Fisheries Exhibition.

LONDON, 1883.

APPLICATION FOR SPACE.

SUBMITTED TO THE SECRETARY FOR APPROVAL.

Name of Exhibitor _____

Address _____

_____

General Condensed Description of Exhibits _____

_____

_____

_____

_____

Total Ground Space _____ feet superficial.
Total continuous Counter Space _____ feet run.
Total Wall Space _____ feet superficial.
} As per details on **next page**. (*See over.*)

If apparatus requires use of water, gas or steam, state quantity.
(*See Regulation* 34.)

1st, Water _____

2nd, Gas _____

3rd, Steam _____

If Machinery in motion, state speed, &c. _____
(*See Regulation* 34.)

I hereby engage to abide by all the Rules and Regulations either already made, or to be made, by the Committee.

Signature _____ *Exhibitor.*

Dated this _____ *day of* _____ *1882.*

N.B.—This form should be filled up and sent to the Secretary of "THE GREAT INTERNATIONAL FISHERIES EXHIBITION, LONDON, 1883," 24, *Haymarket, S.W., before the* **1st July** 1883.

Name of Exhibitor _____

Particulars of the Space asked for overleaf.	"Division." (See Classification.)	Ground Space. For large or weighty articles, or large Show-Cases.		Dimensions of Largest Article.	Space for continuous Counter, 3 feet 6 inches broad, 3 feet high. (See Note below.)	If Goods to be Exhibited in a Show-Case, "Yes" or "No."	* Wall Space (in feet).			Remarks.
		Length.	Breadth.	Length, Width, in feet.	Feet run.		Height.	Width.	Projection.	
In Class I ...	No.	feet.	feet.	by						
In Class II ...	No.	feet.	feet.	by						
In Class III ...	No.	feet.	feet.	by						
In Class IV ...	No.	feet.	feet.	by						
In Class V ...	No.	feet.	feet.	by						
In Class VI ...	No.	feet.	feet.	by						
		Total Area Ground Space in superficial feet ... (As per other side.)								

Exhibitors are requested to keep a copy of their applications for reference in future correspondence.

* Wall space will most likely *not* be contiguous to the Stands for other Exhibits.

N.B.—It is requested that wherever possible Show-Cases and exhibits may be placed on continuous counters, as above.

LIST OF EXHIBITS PROPOSED TO BE SHOWN

IN THE SPACE APPLIED FOR.

By _____

Address _____

_____

N.B.—Small Articles of the same description must be entered as a collection of, or sets of, or samples of, &c., and be described under a single "Article Number."

Here State } CLASS No. } SPECIAL NOTICE.—A separate form must be filled up for each Class.

DIVISION.	See Schedule and Classification.—Articles to be entered according to the consecutive "Division Number" to which they belong.	Approximate Weight if over 5 cwt.	Measurement in Feet.		
			Length.	Width.	Height.
	SHORT Description of Article.				
Division No.	Article No. 1				
Division No.	Article No. 2				
Division N	Article No. 3				
Division No.	Article No. 4				
Division No.	Article No. 5				
Division No.	Article No. 6				
Division No.	Article No. 7				
Division No.	Article No. 8				
Division No.	Aticle No. 9				
Division No.	Article No. 10				
Division No.	Article No. 11				
Division No.	Article No. 12				

Exhibitors can procure more Blank Forms on application, and they are requested to be particular in putting the Article's running number, and to keep a copy of the entire entry for reference in future correspondence.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING THE 22nd AUGUST 1882.

GENERAL REMARKS.—During the week under report more or less good falls of rain have occurred throughout Assam and the Bengal provinces, as well as in most parts of the North-Western Provinces and Oudh, of Central India, and of the Central Provinces and British Burma, in some parts of the Bombay Presidency, in the Nizam's Territories and in Mysore, and the Madras Presidency.

Agricultural prospects continue satisfactory on the whole. In the Madras Presidency and Mysore some districts require more rain. In Coorg a short break in the wet weather has proved beneficial to all crops. In the Nizam's Territories *kharif* crops are prospering. In Berar they and the cotton crops are in good condition, but more rain is required in one taluk. In the Bombay Presidency all crops are progressing favourably, except in parts of five districts where more rain is wanted. In the Central Provinces a partial break in the rains has improved crops. In the Central India and Rajputana States prospects are favourable, but more rain is needed in Alwar, Sirohi, and Marwar. In the Punjab the want of more rain is felt in eight districts, and in three of these very much so. In the North-Western Provinces and Oudh all crops have been benefited by the rainfall of the week, but a further fall would be beneficial everywhere, especially in Oudh. In Bengal also more rain is wanted in some districts, but the recent rain has much improved prospects of all crops. In Assam some rice crops are being harvested and others are being transplanted. In British Burma the progress of crops is satisfactory.

The general tendency of the barometer towards a rise at the end of the preceding week was again, after a few slight variations, followed by a fall which became general on the 22nd and continued the next day.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Madras—(Aug. 23rd)		
Bellary ...	1·01 (average of four stations).	Standing wet crops good, dry withering in one taluk; agricultural operations progressing.
Kurnool ...	1·0 (average of eight stations).	Young crops reviving by recent rain; more rain wanted; cattle-disease in parts.
Ganjam ...	2·11 (average of nine stations).	Standing crops thriving; rain wanted for transplanting paddy in one taluk; fever, small-pox, and cattle-disease continue; cholera subsiding.
Kistna ...	·42 (average of nine stations).	Crops withering; rain wanted; agricultural operations progressing; small-pox, fever, and guinea-worm in parts; cattle-disease general.
Chingleput (Madras) ...	1·77 (average of eleven stations).	Standing crops good where water available; agricultural operations progressing; small-pox slight.
Coimbatore ...	·88 (average of ten stations).	Standing crops, paddy promising well, dry require rain in parts and damaged by insects in one taluk; harvest dry crops, outturn about average; small-pox and cholera in parts; cattle-disease appearing in three taluks.
Tanjore ...	2·60 (average of twelve stations).	Crops good, except in parts affected by breaches, but withering in parts of one taluk for want of rain; cattle-disease in parts.
Madura ...	·82 (average of six stations).	Standing crops fair in two taluks, but withering in one; harvest paddy and *cumbu*, yield about average; cholera in parts.
Malabar ...	1·15 (average of fourteen stations).	First crops generally good; fever, cholera, small-pox, and cattle-disease in parts.
Travancore ...	·47	Paddy ripening; fever prevalent.
		General Remarks.—General prospects good.
Bombay—(Aug. 23rd)		
Kurrachee ...	No rain	River at Kotri on 21st, 19 feet 11 inches against 16½ feet on same date last year; fever in five talukas; rats doing some damage to crops in two talukas; wheat, red rice, and *bajri* in Kurrachee 22, 34 and 23, in Kotri 30, 32 and 44, in Tatta 23, 36 and 44, and in Mirpur Botoro 20, 48 and 40 lbs. per rupee, respectively; in Sujawal red rice 40 and *bajri* 44 lbs. per rupee.
Hyderabad ...	.....	Crops that have escaped floods good; river falling; fever in four talukas and cough in Hala; small-pox in Hyderabad; wheat 25, *juari* 45, *bajri* 40, red rice 30, and white rice 22 lbs. per rupee.
Ahmedabad ...	·05	Total rainfall 27·37; young *kharif* crops good; transplantation of rice continues; in Ahmedabad city 3 cholera cases, all of which fatal; wheat 28 and *bajri* 31 lbs. per rupee.
Baroda ...	No rain	Total rainfall 30·42; all crops doing well; slight cholera in Contingent camps at Sadr and Manekwara; *bajri* 32 and common rice 24 lbs. per rupee.
Surat ...	·08	Total rainfall 32·52; crops healthy; break continues; weeding progressing; *juari* 35 and *nagli* 54 lbs. per rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Bombay—*contd.*		
Násik ...	Igatpuri, 3·87; Peint, 3·62; Kalwan, 1·05; slight showers elsewhere.	Rain badly wanted in Yeola, Niphad, Chandar, Malegaon, Baglan, and parts of Sennar; locusts in Malegaon and Nandgaon doing injury; slight cholera in Násik and Sennar; wheat 25, *bajri* 32, and rice 25 lbs. per rupee.
Colaba (Bombay) ...	·17	Total rainfall 57·23, being 1·88 above average; average abnormal temperature 1° warm; vapour in air normal; abnormal wind northerly.
Poona ...	Passing showers in six talukas.	Young crops withering in Bhimthari and Indapur; 22 cholera cases in Sirur and Bhimthari, of which 8 fatal; *bajri* 45 and *juari* 59½ lbs. per rupee; in Poona *bajri* 36¾ and *juari* 47¾ lbs. per rupee.
Ahmednagar ...	Jhamkhed, ·32; Parner and Akola, ·19; very slight in Sheogaon, Rahuri, and Sangamner; none in rest.	Total average rainfall of the district 11·40; from want of rain *bajri* and other crops are withering in all talukas except Akola; cholera—in Parner 12 cases, 7 deaths, in Shrigonda 6 cases, 6 deaths, and in Sheogaon 18 cases, 9 deaths; *bajri*—maximum 72 lbs. in Jhamkhed, minimum 48 in Kopergaon; *juari*—maximum 102 lbs. in Jhamkhed, minimum 60 in Kopergaon.
Sholapur ...	1·18; slight rain throughout.	Total rainfall 21·12; no cholera cases in Pandharpur taluka, maximum number of cases in Sangola 43, minimum in Malsiras 3, total number of cases 136, of which 61 fatal; *bajri* 58 lbs. 11 tolas and *juari* 81 lbs. 32 tolas.
Dharwar	Slight rain throughout, maximum ·86.	All standing crops, except in very wet lands, thriving; ground being prepared for sowing cotton and late crops; rice 24 and *juari* 62 lbs. per rupee; ague in Nargund and Mundargi petta, and foot-and-mouth disease among cattle in Hangal.
Kanara ...	Karwar, 1·02; Kumpta, 4·07; Sirsi, 4·41; Hallial, 2·28.	Total rainfall 86·80; rice, *ragi*, sugarcane plants, and garden produce thriving; early rice crop in ear around Karwar; weather clearing; cholera 1 death in Karwar; common rice in Karwar 11 seers, in district average 13½ seers per rupee.
Rajkot ...	.....	Weather dry and warm; rain much wanted; cholera at Rajkot, Moorvi, Bhownagar, and Gondal; *bajri* 27 and *juari* 31 lbs. per rupee.
		General Remarks.—General break continues; rain wanted in parts of Poona, Ahmednagar, Násik, Khandesh, and Kaira; crops doing well generally; locusts in Khandesh and Násik; fever and cattle-disease in some districts; cholera in Satara, Poona, Sholapur, Ahmednagar, Khandesh thana, Kaira, and parts of Kathiawar.
Bengal—(Aug. 23rd)		
Chittagong ...	2·92	Prospects of crops fair; transplanting of winter rice going on; prices stationary; cholera, small-pox, and cattle-disease still prevail; two shocks of earthquake on the night of the 20th.
Dacca ...	3·16	Rain and rising of rivers improving prospects of crops; cholera prevailing.
24-Pergunnahs (Calcutta)	3·35	Prospects of early crops continue satisfactory; transplanting of winter rice making fair progress; more rain would do good; public health generally good; cases of fever reported from Basirhat sub-division.
Moorshedabad ...	4·83	Rain has been general over the district and has much improved prospects of the winter rice; early rice being harvested, some of it has been destroyed in the Jangipur sub-division owing to rise of rivers; except the usual fever, public health is good; cattle-disease in two or three villages of Kandi sub-division.
Rajshahye ...	2·84	Rain has benefited crops; fever prevalent.
Burdwan ...	3·35	Weather seasonable; rain will be of great benefit to rice crops, but it has come too late to allow of much more transplanting; early rice crop good, it is being reaped in some places; sugarcane also good; health generally good.
Rungpore ...	2·28	Weather cloudy and hot; transplanting of winter rice continues; more rain wanted; prospects of other crops favourable; public health good.
Bhagálpur ...	0·65	Autumn crops being harvested, outturn good; more rain required for winter rice; public health good.
Purneah ...	1·61	Prospects of crops much improved; autumn harvest poor; transplanting progressing; more fever prevalent; hill rivers and Ganges high.
Patna ...	1·35	Prospects of autumn crops fair; transplanting of rice seedlings going on, but more rain is wanted in parts; cholera still prevalent in Behar.
Durbhunga ...	2·26	Weather has cleared somewhat; rivers in flood; autumn crops full average; rice prospects good; prices stationary; cholera has not yet disappeared.
Hazáribágh ...	2·45	Weather sultry; autumn crops doing well; rain during the week has been of much benefit in aiding transplanting operations which came to a standstill in several parts of the district; general health good.
Cuttack ...	6·02	Early rice ripening, late rice progressing well; cholera disappearing.
		General Remarks.—Rain fell in all districts during the week; more rain is still wanted in some districts; generally, however, rainfall of this week and of the preceding week has much improved the prospects of the crops; transplanting of late rice is going on fairly; all autumn crops and sugarcane are doing well; autumn harvest is expected to yield a fair average crop, but in some districts it will be rather short owing to deficient rainfall in July; fever is reported from some districts; cholera has again appeared in an epidemic form in Chumparun, elsewhere it has abated and in some places it has almost disappeared.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
N. W. Provinces and Oudh—		
Benares (Aug. 22nd)	5·0; Chandauli, 3·1.	Every prospect of a good harvest of late rice, as the weather has been favourable for transplanting; *sawan* being cut; all crops have been benefited by the rain; health of cattle good; cholera decreasing; markets well supplied; prices moderate, but rising.
Allahabad („ 23rd)	Abundant and general rain for last three days, and still raining.	The long break in the rains is over; rain has been of great benefit to all crops; prospects excellent; cholera rapidly decreasing, none in city or station; prices nearly stationary.
Cawnpore („ 22nd)	1·4 (average)	Weather rainy and cloudy; crops suffering from want of rain are now reviving; more rain wanted; cholera continues unabated; prices nearly stationary.
Gorakhpur („ „)	Good rain throughout the district.	Crops promising; health fair; prices falling.
Jhánsi ...	1·3 (average)	Weather cloudy; more rain expected; rainfall at the end of the week was most opportune, especially for the crops in *kankar* lands; weeding of *juari* and cotton continues; fields are being prepared for *rabi* sowing for the last three days; no fresh cases of cholera have appeared in mauza Iskil, but it still continues in three villages in pargana Mau and in two villages in pargana Garotha; cattle-disease of a mild type is reported in pargana Jhánsi and Moth.
Agra (Aug. 22nd)	Rain in six parganas from 0·4 to 5·3.	Rain has done much good, but is still needed in one pargana, where none has fallen since 31st July; slight fever here and there, but general health good; prices stationary.
Farukhabad („ „)	Rain has fallen within the week.	Crops suffered from long break in the rains; more rain is required; health of people fairly good; prices steady.
Bareilly („ „)	.....	Weather seasonable; crops very good; cholera bad in Danla and neighbourhood, isolated cases elsewhere; fever on the increase.
Meerut („ „)	Good rain on the 20th —Meerut, 3·8; Hapur, 1·0; Bagpat, 0·7; Mowana, 2·9; Ghaziabad, 0·6; Sirdhana, 3·8.	Crops revived and prospects greatly improved; supplies sufficient; health good; prices recovered from the rise of last week.
Kumaun („ „)	Sufficient rain everywhere, very heavy on outer range.	Crops flourishing; cattle-disease and foot-disease still prevalent; 3 deaths from *mahamari*, otherwise health fair; prices stationary.
Lucknow („ „)	Mohanlalganj, 0·1; no rain in other two tahsils.	Rice crop is suffering from want of rain; sowing of *mash* going on; cholera continues; prices stationary.
Rae Bareli („ 21st)	.....	Break in the rains; *juari* and rice beginning to suffer for want of rain clouds gather and disperse after slight drizzling; cholera still continues; cattle-disease in some villages of tahsil Dalman; markets well supplied; prices rising.
Partabgarh („ 22nd)	Slight rain at Sadr and Patti.	Prices rising slightly; autumn rice has dried up in places; winter rice being planted out in Patti and Kunda; slight cattle-disease in Patti; general health fair; cholera still continues.
Sitapur („ „)	0·2; Misrikh, 0·3	More rain required; cholera very bad; slight cattle-disease in two tahsils; supplies sufficient.
Fyzabad („ „)	Sadr, 0·1; Akbarpur, 0·4; Bikapur, 0·3; Tanda, 1·2.	Prospects good; slight cholera; cattle-disease in part of district.
		General Remarks—Rain more or less heavy in most districts and prospects generally improved, a further fall would be beneficial everywhere, especially in Oudh, where rice is suffering; prices rising in Benares, Rae Bareli, and Partabgarh, elsewhere stationary; cholera still prevalent, except in the Meerut and Agra divisions, and is bad at Sitapur and part of Bareilly; cattle-disease continues in Oudh, Jhansi, Saharanpur, and Kumaun.
Punjab—(Aug. 23rd)		
Delhi ...	·30	More rain wanted; health fair; prices rising.
Hissar ...	Rain most urgently required.	Health good; prices rising.
Umballa ...	1·0	Crops suffering for want of rain; health fair; prices of food-grains stationary.
Jullundur ...	Rain much wanted	Health good; prices steady.
Amritsar ...	Rain wanted	Health good; prices stationary.
Sialkot ...	Rain wanted	Prices unaltered; health good.
Lahore ...	No rain	Health good; prices stationary.
Ferozepore ...	Rain is much needed	Health good; prices slightly falling.
Mooltan ...	No rain	Health good; prices stationary.
Rawalpindi ...	2·50	Crops good; cattle-disease in a few places; prices stationary.
Dera Ismail Khan ...	·20	Fever prevalent; prospects good; prices steady.
Peshawar ...	No rain	Health good; prices stationary.
		General Remarks.—Rain is wanted in the Delhi, Hissar, Umballa, Amritsar, and Ferozepore districts; with the exception of the Dera Ismail Khan district, in which fever prevails, the health of the province is good; prices of food-grains are rising in the Delhi and Hissar districts, and slightly falling in the Ferozepore district; prices in the other districts are stationary.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Central Provinces—		
Nagpur (Aug. 23rd)	·9	Weather cloudy; rain wanted; fever prevalent; cholera reported; prices slightly risen.
Jubbulpore („ 22nd)	1·22	Weather cloudy; weeding continues; *kharif* improved by break; cholera reported; small-pox declining; wheat 19 seers per rupee.
Saugor („ 21st)	·18	Crops doing well; cholera abated; health good; prices steady.
Seoni („ 22nd)	2·48	Weather cloudy, with showers; weeding continues; cholera prevalent; small-pox reported; cattle-disease abating; prices stationary.
Khandwa („ „)	·33	Weather cloudy; prospects of crops good; cholera and small-pox reported; prices stationary.
Hoshangabad („ „)	1·94	Weeding continues; few cases of small-pox; *juari* 17 seers per rupee.
Raipur („ 19th)	2·36	Crops doing well; slight break; cholera and fever reported; prices rising.
Sambalpur („ 17th)	2·38	Prospects of crops good; fever prevalent; rice 56 seers per rupee.
		General Remarks.—Weather cloudy and warm, with slight rain in most districts; crops improved by break; prospects favourable; weeding operations steadily progressing; cholera still reported from most districts; isolated cases of small-pox and cattle-disease; prices steady.
British Burma— (Aug. 19th)		
Akyab ...	6·60	Total rainfall 162·69 inches; cholera in some parts of four townships, otherwise public health good; cattle-disease severe in one township, crops looking healthy.
Rangoon ...	4·55	Total rainfall 59·21 inches; 5 fatal cases of cholera, otherwise public health good; progress of crops favourable.
Bassein ...	4·88	Total rainfall 87·78 inches; public health good; cattle-disease severe in one township; ploughing and planting out far advanced.
Prome ...	2·58	Total rainfall 27·74 inches; 1 death from cholera in town, 28 in one township, and 25 in another; slight cattle-disease in one township; more rain required in two townships.
Amherst (Moulmein) ...	11·01	Total rainfall 152·93 inches; public health good, but in Moulmein and district cattle-disease in four townships; resowing in damaged places still going on; crops healthy, but reduced in area from want of cattle.
Toungoo ...	.....	Telegraph communications interrupted.
		General Remarks.—Cholera in Akyab, Tharrawady, Prome, and Henzada and a few cases elsewhere, public health otherwise good; cattle-disease severe in parts of Akyab and Bassein, and more or less prevalent in most other districts; rainfall generally plentiful, but still short in Prome and Thayetmyo.
Assam—		
Gauhati (Aug. 22nd)	·89	Weather seasonable; transplanting vigorously progressing; prospects of crops and public health fair.
Sylhet („ 23rd)	15·97	*Amun* crop in Nabiganj sub-division wants more rain; state and prospects of crops elsewhere good; public health good.
Cachar („ „)	3·53; weather rainy	Reaping of *dumahi* and *murali* crops commenced; transplanting of *sali* crops progressing; prospects of tea good; cattle-disease ceased; 1 case of cholera reported from Lakhimpur; common rice 24⅝ seers per rupee.
Dibrugarh ...	4·55	Weather seasonable; transplanting of *sali dhan*; *aus* nearly harvested; public health good; cattle-disease still reported.
Mysore and Coorg— (Aug. 23rd)		
Bangalore ...	·20	Standing crops in thriving condition; *kartik* paddy sown in a few places; prospects favourable.
Mysore ...	·49	Crops in good condition.
Mercara ...	2·0	Short break in the monsoon beneficial to all crops; prospects of season and public health good; prices of food-grains stationary.
		General Remarks.—Slight rain has fallen throughout the Mysore State; dry crops in some districts, especially in Kolar, suffering from want of more rain; wet crops generally in good condition; sowing operations in active progress, *kartik* paddy, *ragi*, horse-gram, *juar*, and *avare* being the principal; prospects fair; public health good; prices compare favourably, in Bangalore rice 10½, *ragi* 26½, and horse-gram 30¼ seers per rupee, in Kolar *ragi* 27 to 30 seers, in Mysore *ragi* 21 $\frac{3}{5}$ seers, in Chittaldrug *ragi* 30 to 50 seers per rupee.
Berar & Hyderabad— (Aug. 23rd)		
Amráoti ...	.....	Rain wanted; *kharif* and cotton crops in good condition; prices of wheat 16 and of *juari* 28 seers per rupee.
Akola ...	.....	*Kharif* crops progressing favourably; weeding continues.
Hyderabad (Aug. 24th)	1·94	Total rainfall from 1st January 15·85; *kharif* crops prospering in all taluks, excepting Pathur, where there has been no rain during the week; in three taluks there has been copious rainfall and tanks have been replenished; *abi* sowings continue, except in Pathur; cattle-disease in one taluk; prices—wheat 15¾, course rice 8¼, white *juari* 25¼, yellow *juari* 31, and *tur* 25½ seers per current sicca rupee.

Presidency or Province and District.	Rainfall for week preceding.	State of agricultural prospects.
Central India States— (Aug. 23rd)		
Indore ...	·15	Cholera in a sporadic form lingers in the Indore city; agricultural prospects continue favourable; prices steady.
Morar (Gwalior) ...	2·05	Health and prospects good.
Sutna ...	1·45	Cholera still at Sutna; prospects good.
Neemuch ...	·70	Health good; crops thriving.
Goona ...	1·89	Health good; prospects fair.
Bhopal (Sirohi) ...	·15	Weather fine; prospects good; some cholera at Bhopal and Karwai.
Agar ...	No rain	Health and prospects good.
Nowgong ...	No rain	*Kharif* crops good; health fair; prices stationary; cholera still prevalent.
Maihpur ...	·60	Ploughing of *rabi* fields continues; prices stationary.
Rajputana—		
Abu (Aug. 23rd)	·22	Weather cloudy, close, and occasionally foggy.
Sirohi („ 20th)	.....	Rain much needed; tanks, wells, and health good; weather cloudy, wind high and dry.
Marwar („ 18th)	.....	Rain wanted; four months water in tanks; wells almost full; health good; prospects good; weather cloudy, winds sharp and cool; nights clear; holding off of rain causes much uneasiness; prices rising.
Meywar („ 19th)	·07	Tanks and wells good; health fair; prospects very good.
Harowti („ „)	.....	Prospects favourable; prices fallen; weather cloudy; no cholera reported.
Jhallawar („ 16th)	·73	Weather fine and cool; Shahabad rather unhealthy.
Ajmere („ 22nd)	·90 at Ajmere on 21st	Sowing completed; cholera still in Ajmere districts.
Jeypore („ „)	.....	Weather cloudy, and signs of rain; cholera in city decreasing, average daily deaths four.
Ulwur („ „)	.....	Crops suffering from want of rain; prices steady; health fair.
Nepal—		
Katmandu (Aug. 17th)	2·90; constant rain	Weather cool and cloudy.

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